Electronic Reporting of Laboratory Data for Public Health:

Meeting Report and Recommendations

November 23, 1997

CDC
CENTERS FOR DISEASE CONTROL AND PREVENTION

Electronic Reporting of Laboratory Data for Public Health:

Meeting Report and Recommendations

Report and recommendations endorsed by CDC's Health Information and Surveillance Systems Board (HISSB) as guidelines for efforts to begin implementation of electronic laboratory reporting.

Co-sponsored by:

Centers for Disease Control and Prevention
Council of State and Territorial Epidemiologists
Association of State and Territorial Public Health Laboratory Directors

Report prepared by Nicole Lezin and Susan Toal

Table of Contents

Executive Summary

Electronic Reporting of Laboratory Data for Public Health: Meeting Report and Recommendations

On March 24-25, 1997, a meeting was held to provide a forum for discussing barriers to implementing effective laboratory reporting standards and to seek creative, practical approaches to moving forward. The meeting was co-sponsored by the Centers for Disease Control and Prevention (CDC), the Council of State and Territorial Epidemiologists (CSTE), and the Association of State and Territorial Public Health Laboratory Directors (ASTPHLD).

Three main perspectives were represented among meeting participants: the views of federal public health agencies, the views of state epidemiologists and public health laboratorians, and the views of the private sector (both laboratories and laboratory software vendors).

This report summarizes discussions during the meeting and presents preliminary recommendations in three main areas:

- **Flow**—where, when, and how data should move to and from users.
- **Format**—the mechanics of data transfer, including the use of Health Level Seven (HL7) messages and/or other reporting formats, and ways to ensure security.
- **Content**—the determination of which data elements should be included in an electronic reporting system for clinical laboratories.

Recommendations in each category are summarized below.

Summary of Flow Recommendations

- CDC/Association of State and Territorial Health Officials (ASTHO)/CSTE/ASTPHLD should coordinate a unified approach to electronic reporting of clinical laboratory data, designating specific staff and resources to approach large laboratories and laboratory software vendors.
- The unified approach would specify: the standard HL7 message and, through a set of tables, reportable diseases and conditions by state (and large jurisdictions); data elements; and specific laboratory tests (and codes) that should be reported (described in content and format recommendations).
- A standard approach with daily reporting (as data are verified by laboratories) should be specified.

Summary of Format Recommendations

- CDC/CSTE/ASTHO/ASTPHLD should issue a joint statement that:
  - all state and territorial laboratories and health departments should accept standard HL7 2.3 Observation Results Unsolicited (ORU) messages, and
  - all newly established laboratory reporting systems should use HL7.

- CDC should have primary responsibility for ensuring access to a generic HL7 **reader** that parses messages from HL7. Because of variation at the state level in the ability to make use of these data, CDC should provide the option of forward-translating for potential merge-matching into STD-MIS, TB SURVS, NETSS, PHLIS, HARS, and other CDC data systems. (Decisions about merging and matching will occur at the state level.)

- CDC surveillance systems should develop the capacity to accept HL7 messages, as well as other formats, where appropriate (such as ASCII and .DBF).

- LOINC coding conventions for electronic reporting of laboratory data should be adopted for the OBX3 segment of the HL7 message. SNOMED coding conventions should be adopted for the OBX5 segment for organism name.

- The draft HL7 specification (Appendix C, Table I) should be revised to allow incorporation of laboratory data relevant for chronic diseases and environmental health (e.g., blood lead levels).

Summary of Content Recommendations

- CSTE, with CDC and ASTPHLD should develop and maintain an Internet-accessible list of reportable diseases and conditions by state (and indicate whether positive and negative results are to be reported). A process for periodic updates should be specified.

- CDC, CSTE, and ASTPHLD should develop collaboratively a table of required and desired demographics and other information for notifiable conditions (state-specific, if necessary). (This information is embedded in the HL7 message. See Appendix C). A process for periodic updates should be specified.
  (Name reporting of HIV test results warrants special consideration, to recognize states that use unique identifiers.)

- CDC, ASTPHLD, and CSTE should arrange to maintain a table of specific tests reported by disease and condition, expanding the case definitions document to include the reportable laboratory tests. A process for periodic updates should be specified.

- The public health system that first receives laboratory data should ensure an auditing/monitoring role to identify problems with completeness and timeliness of data,

and ensure corrective action.

Before adjourning, participants identified a short list of actions that could be taken immediately:

- Share the key meeting recommendations with attendees of upcoming CSTE, ASTHO and ASTPHLD meetings. Seek input on approach and recommendations, and ultimately endorsement, by these organizations.
- Finalize the tables recommended by the Content group and obtain review and endorsement by participating organizations.
- Secure needed approvals, funding, space, and staffing for a coordinating "intermediary" office.
- Designate a group of representatives from CDC, CSTE, ASTHO, and ASTPHLD to approach major reference laboratories and software vendors with a unified message.

I. Background

Over a century ago, Louis Pasteur described laboratories as the "temples of the future."[1] Technical advances in the scope and accuracy of laboratory tests have fulfilled Pasteur's vision, yet laboratory *reporting* to public health lags behind other applications of state-of-the-art technology. In part, this is because existing electronic formats are not standardized or connected. In some cases, reports that could be transmitted, received, and sorted electronically are still moved from one location to another on paper by mail or fax machines. In addition to being inefficient for the laboratories themselves, current laboratory reporting practices limit use of these data by public health agencies.

Uses of Laboratory and Surveillance Data

Table 1, below, summarizes the various uses of surveillance data by local, state, and federal public health agencies. It is important to note that effective surveillance relies on clinical data from both the laboratory and the physician; thus, laboratory functions are but one component of a more comprehensive approach. This distinction is important to take into account when considering the recommendations described in this report, since they address only electronic laboratory-based reporting and not the entire surveillance infrastructure that complements it. For this reason, this report refers to electronic laboratory-based *reporting*, as distinct from *surveillance*.

The characteristics of data required for various surveillance functions are driven by the different needs and emphases of each component of the public health system. For example, personal identifying information is critical for local health department investigations, but generally needs to be excluded from data transmitted to federal public health agencies. On the other hand, in order to evaluate the impact of a new diagnostic test on case counts, a database would need to include, not just whether a result for a given disease was positive, but also what the test was—an item likely to be more important to disease-specific specialists at the federal level than to local health department staff. These differing uses contribute to the complexity inherent in designing an approach to laboratory reporting that is useful throughout public health, without being inordinately cumbersome to the providers of information.

In general, laboratory data specify the results of specific tests, not clinical impressions. In this sense, test results constitute "hard data." However, since laboratory test results still may require additional interpretation in a clinical or epidemiologic context, their utility for surveillance purposes varies from disease to disease. For some diseases, a laboratory result essentially defines a case (e.g., positive culture from normally sterile sites for invasive bacterial pathogens). For others, such as distinguishing between the incidence and prevalence of tuberculosis, hepatitis B, or cancer, laboratory results must be supplemented by clinical information.

[1] Valdiserri RO. Temples of the future: an historical overview of the laboratory's role in public health practice. *Ann Rev Public Health* 1992; 14:635-48.

Table 1: Public Health Uses of Surveillance Data [2]	Public Health System Components and Emphases (★★★ = greatest emphasis)		
	Local	State	Federal
Identification of cases for investigation and follow-up	★★★	★★★	★
Estimate the magnitude of a health problem; follow trends in incidence and distribution	★	★★★	★★★
Detect outbreaks or epidemics to trigger interventions	★★★	★★★	★
Evaluate control and prevention measures	★	★★★	★★★
Monitor changes in infectious agents (e.g., antibiotic resistance, clinical spectrum)		★★	★★★
Facilitate epidemiologic and laboratory research; formulate prevention strategies; formulate hypotheses	★	★★	★★★
Detect changes in health practice (e.g., impact of use of new diagnostic methods on case counts)	★	★	★★
Facilitate planning (e.g., allocation of program resources, policy development)	★	★★★	★★★

Even when clinical laboratory results are useful for surveillance purposes, the sentiment within each component of the public health system is that these results could be far more useful if they conveyed more complete information with each transfer. For example, in many situations, it would be useful to know not only positive test results but negative ones as well. In addition, more complete demographic detail could enhance the uses of laboratory results for surveillance purposes (although this detail is not always required). Justifiable concerns about excessive reporting burden have constituted one set of obstacles to more complete reporting—a set of obstacles that may be addressed by technological improvements and efficiencies. Although technology may be used to minimize burden, concerns about privacy and confidentiality may become more pronounced as broader use of demographic identifiers is contemplated. The issues of how *much* information should be reported and how *far* the "granularity" (or detail) of the data should be preserved are important considerations for any laboratory reporting blueprint.

[2] Categories adapted from Teutsch SM. Considerations in planning a surveillance system. In Teutsch SM and Churchill RE, editors. *Principles and Practice of Public Health Surveillance*. New York: Oxford University Press, 1994:18-9.

Efforts to Improve Electronic Laboratory-Based Reporting

The benefits and obstacles inherent in moving toward electronic reporting of clinical laboratory data have been the subject of work group deliberations, position papers, and demonstration projects in numerous states. The Council of State and Territorial Epidemiologists (CSTE) has convened an *ad hoc* Working Group on Electronic Laboratory Surveillance (ELS), which represents epidemiologists from states with ongoing ELS pilot projects. This group has drafted a set of recommendations on electronic reporting of laboratory data.[3] In addition, specifications for electronic laboratory-based reporting using Health Level Seven (HL7) messages[4], have been developed by CDC[5] and refined by Washington state (one of the pilot states)[6] , working closely with the CSTE *ad hoc* Working Group and others.

Through these ongoing efforts, the key *technical* elements required for electronic laboratory-based reporting have been outlined. The next steps are to secure agreements, endorsements, and cooperation from the many interested parties. These parties include clinical, pathology, environmental, and public health laboratories, large reference laboratories, laboratory information system vendors, managed care organizations, as well as state, local, and federal public health agencies—each with its own set of needs and priorities.

To stimulate progress, the Centers for Disease Control and Prevention (CDC), the Council of State and Territorial Epidemiologists (CSTE), and the Association of State and Territorial Public Health Laboratory Directors (ASTPHLD) co-sponsored a meeting to discuss the remaining barriers to implementing effective laboratory reporting standards and to seek creative, practical approaches to moving forward. This report summarizes discussions during the meeting and presents preliminary recommendations. The report will be circulated and presented at upcoming professional meetings to obtain feedback on the recommendations.

This meeting was held in Atlanta, Georgia on March 24-25, 1997. Three main perspectives were represented among meeting participants: the views of federal public health agencies, the views of state epidemiologists and public health laboratorians, and the views of the private sector (both laboratories and laboratory software vendors). Except for the meeting's co-sponsors, participants were asked to attend because of their individual areas of expertise, rather than as representatives of any organization. A complete list of participants is provided in Appendix A.

---

[3] CSTE ad hoc Working Group on ELS. *Recommendations on electronic reporting of laboratory data to public health authorities*. [Draft] January 1997.

[4] HL7 provides a standard format for the structure of electronic messages; it describes what part of the message contains information about the sending laboratory, the patient, the tests performed, and the results. More information on HL7 is available from the following web site: http://www.mcis.duke.edu/standards/hl7/hl7.htm.

[5] Health Level Seven Specifications for Electronic Laboratory-based reporting of Public Health Information, Version 1.1, October 9, 1996. DBMD, NCID, CDC. DRAFT DOCUMENT

[6] Washington State Department of Health. *A prototype reader for electronic laboratory-based reporting -- interim progress report on the development of a versatile Health Level Seven translator/parser for the Washington state department of health*. 2/20/97.

II. Meeting Objectives

The meeting was designed to accomplish four objectives:

- define the goals for electronic reporting of clinical laboratory data for public health surveillance
- identify barriers to implementation of electronic laboratory-based reporting
- identify potential solutions to address major barriers
- recommend specific next steps for CDC, states, private organizations, and others.

The agenda (see Appendix B) allowed for both large and small group discussions in order to provide participants ample opportunity to share their knowledge and perceptions. An outside facilitator helped focus the discussion and ensure that participants could freely express their views. Group discussions and recommendations are summarized below.

III. Goals for Electronic Reporting of Laboratory Data

To prepare for a discussion on goals of electronic laboratory-based reporting, participants were asked to independently complete a short worksheet that asked two questions:

1. What do you hope will be accomplished through electronic reporting of data from clinical laboratories? Who will benefit from these accomplishments (e.g., local or state health departments, CDC, private laboratories, vendors)?

2. What impact would successful electronic reporting of clinical laboratory data have? How would you know if such reporting were successful?

Responses were generally consistent, describing benefits that could accrue to public health surveillance overall, to health departments, and to laboratories. In addition, participants described some desired attributes of electronic reporting protocols. In terms of surveillance and its functions, meeting participants envisioned an electronic reporting structure for clinical laboratory data that would lead to:

- prompt and appropriate public health action in response to timely, accurate reports (or, as one participant noted, fulfillment of the surveillance functions described in Table 1, "Public Health Uses of Surveillance Data")
- improved sensitivity of surveillance
- expanded reporting of chronic diseases and environmental health data, as well as infectious diseases

- improved ability to address more diseases and conditions as gains in timeliness, accuracy, and efficiency free up resources at laboratories and health agencies

- improved ability to measure the impact of public health interventions, using laboratory indicators

- improved ability to compare rates for diseases and conditions across populations

- expanded options to generate new hypotheses with more data available electronically

- strengthened partnerships with managed care and other organizations that also utilize data from clinical laboratories.

For local health departments, some participants expressed concerns about increases in the workload of agencies that already may be understaffed; they doubted the capacity of either local or state health departments to absorb and fully utilize more data (potentially generated by more comprehensive laboratory reporting). On the other hand, some participants hoped for widespread efficiency gains from the adoption of consistent electronic reporting formats, including reductions in clerical time currently used to sort or enter printed laboratory results.

Participants also mentioned efficiency gains for **laboratories** that would result from streamlined electronic reporting protocols. In addition, participants hoped for **quality improvements**, such as clearer, unambiguous reporting of laboratory test results.

In terms of desired attributes of an electronic reporting process, participants noted that it should:

- protect individuals' privacy and confidentiality, and be widely perceived as doing so

- be dynamic—i.e., able to adjust readily to changes in reporting requirements

- be relatively simple and flexible (especially for use by smaller laboratories and less electronically sophisticated health departments)

- be transparent to both producers and consumers of information.

IV. Barriers and Recommended Solutions

To launch the discussion of barriers and solutions, three broad categories of electronic reporting issues were described:

- **Flow**—where, when, and how data should move to and from users.
- **Format**—the mechanics of data transfer, including the use of Health Level Seven (HL7) messages and/or other reporting formats, and ways to ensure security.
- **Content**—the determination of which data elements should be included in an electronic reporting system for clinical laboratories.

In addition to these three categories, the group considered confidentiality to be an issue that applied to flow, format, and content. In the summaries below, it should be noted that the word "confidentiality" refers to the types of personal identifying information that can be linked to a test result, while the word "security" refers to ensuring the existence of barriers to unauthorized access to the information.

The participants broke into smaller groups to consider each of these topics in greater detail. A spokesperson from each group then presented the group's recommendations to the larger group, for further review and modification. Summaries of the small group discussions and specific recommended solutions for each category are provided below.

A. Barriers and Solutions Related to Data Flow

In the current flow of laboratory test result reporting, some laboratories and clinicians must report various diseases to multiple jurisdictions, with varying types of information accompanying the results. The group discussed how technological advances would allow for the possibility of a unified waystation. In this arrangement, data would flow from laboratories to a central waystation or waystations, where they would be accessible to various data users (with appropriate security and confidentiality protections in place). This approach was viewed as the best technical solution, since it streamlined the reporting responsibilities for laboratories while allowing timely and customized access to the data by federal and state agencies.

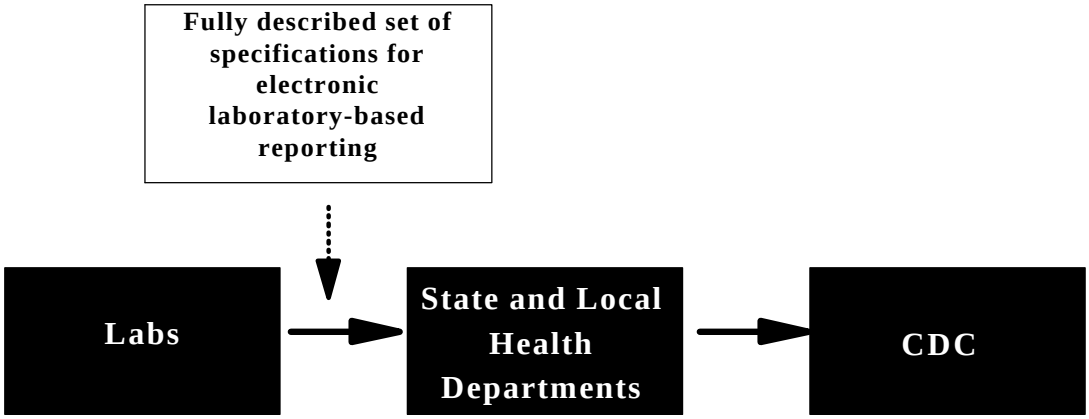
Despite these advantages, many participants agreed that such a plan would not be widely accepted, since regulatory obstacles and jurisdictional disputes would make it impractical. A unified waystation also would raise concerns about a centralized repository of (and thus, the potential for more widespread access to) confidential clinical test results.

The group discussed additional barriers related to the flow of data. A key barrier involves the authority to make decisions about which data flow to whom first, how they are reviewed at each level, and similar issues. Given the range of motivations and organizations potentially involved in both the private and public sectors, agreement on who should have this authority could be difficult. Another set of barriers involves the technological aspects of data flow, including the

translation from HL7 readers. These were considered by the format group. Indeed, many format and content decisions depend on the flow scheme.

A technologic issue that was implicit during the meeting, but not widely discussed, was the use of the Internet as the mechanism for transmitting data.

As a compromise between a more centralized flow of data through waystations and decentralized flow from laboratories to multiple public health jurisdictions (much like the *status quo*), meeting participants suggested a modification that would draw upon the strengths of each approach, while minimizing its potential drawbacks. This would be accomplished by CDC and state health departments together developing and endorsing a fully described set of specifications for reporting from laboratories to public health, including HL7 message specifications, and tables describing 1) diseases and conditions reportable in each state and jurisdiction, 2) data elements, and 3) specific tests and their codes. (These are described in greater detail in the format and content discussions, below.) A designated group of representatives from CDC and state health departments would approach large laboratories and laboratory software vendors with this set of specifications for electronic laboratory-based reporting. The proposed approach is shown below:



This approach has several advantages. First, it allows progress in the areas on which there already is general agreement, without precluding movement towards other models in the future, if they become more feasible or desirable. It decreases the vulnerability of public health agencies to vendors who might be tempted to take advantage of inconsistent levels of knowledge or sophistication. The unified approach also builds in an incentive for CDC and other federal health agencies to support state efforts. States could still choose to use the data in different ways (in fact, tables would specify the state-specific reporting requirements), although states would be asked, for the sake of consistency, to accept specifications for data even if a specific data element were not of interest to them.

In addition to the advantages it offers to public health agencies, a unified approach could be efficient for laboratories as well—especially if laboratories could discharge their reporting responsibilities by meeting the specifications outlined in this approach.

SUMMARY OF FLOW RECOMMENDATIONS

- CDC/ASTHO/CSTE/ASTPHLD should coordinate a unified approach to electronic reporting of clinical laboratory data, designating specific staff and resources to approach large laboratories and laboratory software vendors. [For the recommendations in this report, the term laboratory data refers to results of tests on specimens from humans from clinical laboratories or pathology departments.]

- The unified approach would specify: the standard HL7 message and, through a set of tables, reportable diseases and conditions by state (and large jurisdictions); data elements; and specific laboratory tests (and codes) that should be reported (described in content and format recommendations).

- A standard approach with daily reporting (as data are verified by laboratories) should be specified.

B. Barriers and Solutions Related to Message Format

The format discussion centered on the use of HL7 for sending reportable findings to appropriate local, state, territorial, and federal agencies—whether this was feasible, given existing variations by state and by agency, and, if so, how movement toward this standard could be achieved with a minimum of disruption. Several state participants noted that CDC's program-specific softwares do not allow standard importing and exporting of data (including using HL7 readers), often requiring entering data into state databases and again into CDC databases. Like the other groups, the format group discussed relevant confidentiality concerns.

The group strongly supported movement toward an HL7 format for a variety of reasons. First, HL7 includes laboratory data of interest. While other standards for electronic messaging exist, they are used primarily for business-related purposes, such as billing. HL7 is the leading private laboratory industry standard for the transmission of clinical data; consequently, laboratory information system vendors are capable of supporting it. HL7 also maintains the desired level of detail (or granularity) of data. Overall, adopting HL7 as a standard offers the fastest route to standardized laboratory reporting.

Another format issue raised during the discussion was whether to support the adoption of LOINC (Laboratory Observation Identifier Names and Codes) and/or SNOMED (Systemized Nomenclature for Medicine) codes within the HL7 message (in particular, the OBX3 segment).

SUMMARY OF FORMAT RECOMMENDATIONS

- CDC/CSTE/ASTHO/ASTPHLD should issue a joint statement that:
  - all state and territorial laboratories and health departments should accept standard HL7 2.3 Observation Results Unsolicited (ORU) messages, and
  - all newly established laboratory reporting systems should use HL7.
- CDC should have primary responsibility for ensuring access to a generic HL7 reader that parses messages from HL7. Because of variation at the state level in the ability to make use of these data, CDC should provide the option of forward-translating for potential merge-matching into STD-MIS, TB SURVS, NETSS, PHLIS, HARS, and other CDC data systems. (Decisions about merging and matching will occur at the state level.)
- CDC's surveillance systems should develop the capacity to accept HL7 messages, as well as other formats, where appropriate (such as ASCII and .DBF).
- LOINC coding conventions for electronic reporting of laboratory data should be adopted for the OBX3 segment of the HL7 message. SNOMED coding conventions should be adopted for the OBX5 segment for organism name.
- The draft HL7 specification (Appendix C) should be revised to allow incorporation of laboratory data relevant for chronic diseases and environmental health (e.g., blood lead levels).

C. Barriers and Solutions Related to Message Content

To make decisions about message content, meeting participants struggled to balance the need for comprehensive, uniform data collection with the more variable capabilities of individual states and laboratories. For example, in considering which data elements should be included in a reporting protocol, the choices range from a minimum set, to a larger set, to all variables. Another issue discussed during the meeting was whether all results (positive and negative) should be required for some diseases, or only positive results. Similarly, decisions must be made regarding which demographic data should accompany reportable cases.

Specifying different data elements raises the question of "requirements." Technically, a "required" field means that the entire transmission would be rejected if a required field is missing. To avoid the rejection of useful but incomplete data, the designation of "send if available" has been developed. These distinctions are important in terms of the wording of recommendations and specifications, and were considered by the group. However, many fields not technically required for transmission are required for effective public health surveillance (e.g., age, address, sex). Further deliberations are warranted on how best to obtain needed data as uniformly and

comprehensively as possible.

In order to obtain uniform content, agreement must be reached regarding case definitions (and how they are determined), updating and maintenance of definitions, and audit functions (particularly, who is or should be responsible for reviewing data elements for completeness).

SUMMARY OF CONTENT RECOMMENDATIONS

- CSTE, with CDC and ASTPHLD, should develop and maintain an Internet-accessible list of reportable diseases and conditions by state (and indicate whether positive and negative results are to be reported). A process for periodic updates should be specified.

- CDC, CSTE, and ASTPHLD, should develop collaboratively a table of required and desired demographics and other information for notifiable conditions (state-specific, if necessary). (This information is embedded in the HL7 message. See Appendix C). A process for periodic updates should be specified.
  (Name reporting of HIV test results warrants special consideration, to recognize states that use unique identifiers.)

- CDC, ASTPHLD, and CSTE, should arrange to maintain a table of specific tests reported by disease and condition, expanding the case definitions document to include the reportable laboratory tests. A process for periodic updates should be specified.

- The public health system that first receives laboratory data should ensure an auditing/monitoring role to identify problems with completeness and timeliness of data, and assure corrective action.

Fortunately, the basis for agreement on message content exists in the form of previously drafted tables of notifiable diseases and conditions by state, findings reportable with LOINC and SNOMED codes, required demographics, and optional data elements that can be sent on an "if available" basis. In its recommendations, the group suggested that these tables be updated, finalized (i.e., endorsed by the relevant groups), and disseminated.

V. Next Steps

Before adjourning, participants identified a short list of actions that could be taken immediately:

- Share the key meeting recommendations with attendees of upcoming CSTE, ASTHO and ASTPHLD meetings. Seek input on approach and recommendations, and ultimately endorsement, by these organizations.

- Finalize the tables recommended by the Content group and obtain review and endorsement by participating organizations.

- Secure needed approvals, funding, space, and staffing for a coordinating "intermediary" office.

- Designate representatives from CDC, CSTE, ASTHO, and ASTPHLD to approach major reference laboratories and software vendors with a unified message.

The meeting sponsors jointly agreed to pursue these next steps as expeditiously as possible and to keep the group informed of progress. They closed the meeting by thanking participants for their significant contributions and encouraging continued pursuit of their efforts, both individually and collectively.

APPENDIX A:
MEETING PARTICIPANTS

Meeting on Electronic Reporting of Clinical Laboratory Data
Draft List of Attendees

Berschling, Jeff
Epidemiology & Prevention Branch

Bolan, Gail, MD
Chief, STD Control Branch
CA Department of Health Services
Division of Communicable Disease Control

Braithwaite, William, MD, PhD
DHHS/ASPE

Broadbent, Tim
Director, Communicable Disease Surveillance

Cetron, Marty, MD
Chief, Epidemiology and Surveillance Branch
Division of Quarantine
National Center for Infectious Diseases (NCID)
Centers for Disease Control and Prevention (CDC)

Chu, Susan, Ph.D.
Associate Director
Center for Health Studies
Group Health Cooperative

Dwyer, Diane M., M.D.
State Epidemiologist
Maryland Department of
Health and Mental Hygiene

Fleming, David, MD
Oregon Health Division

Greenwald, Todd, MD
Covance

Huff, Stan, MD
Intermountain Health Care

Jernigan, Dan, MD, MPH
Epidemiology Program Office Field Station
Centers for Disease Control and Prevention (CDC)

Koo, Denise, MD, MPH
Epidemiology Program Office (EPO)
Centers for Disease Control and Prevention (CDC)

McDonald, Clem, MD
Indiana University School of Medicine

Pertowski, Carol, MD
National Center for Environmental Health (NCEH)
Centers for Disease Control and Prevention (CDC)

Pezzino, Gianfranco, M.D., M.P.H.
State Epidemiologist
Kansas Dept. Of Hlth and Environment

Pinner, Bob, MD
National Center for Infectious Diseases (NCID)
Centers for Disease Control and Prevention (CDC)

Reid, Joseph, PhD
Information Resources Management Office (IRMO)
Centers for Disease Control and Prevention (CDC)

Steindel, Steven, PhD
Public Health Practices Program Office (PHPPO)
Centers for Disease Control and Prevention (CDC)

St. Louis, Mike, MD
National Center for HIV, STD, and TB Prevention
(NCHSTP)
Centers for Disease Control and Prevention (CDC)

Timperi, Ralph
Director
State Laboratory Institute, Mass.

Williams, Warren
National Center for Chronic Disease Prevention and
Health Promotion (NCCDPHP)
Centers for Disease Control and Prevention (CDC)

APPENDIX B:
MEETING AGENDA

Agenda
Meeting on Electronic Reporting of Clinical Laboratory Data
March 24-25, 1997 — Holiday Inn Airport North

MONDAY, MARCH 24

8:30 - 9:15 ***Opening Remarks and Introductions***

- Bob Pinner (CDC)
- David Fleming (CSTE)
- Ralph Timperi (ASTPHLD)
- Susan Toal (Facilitator)

9:15 - 10:30 ***Presentations and Group Discussion***

- Dan Jernigan
- Tim Broadbent
- Jeff Berschling
- Bill Braithwaite
- Todd Greenwald

10:30 - 10:45 ***BREAK***

10:45 - 11:45 ***Delineation of Goals***

11:45 - 12:30 ***LUNCH***

12:30 - 1:30 ***Issues and Barriers (Brainstorming Session)***

1:30 - 3:00 ***Solutions Discussions (Breakout Groups)***

3:00 - 3:15 ***BREAK***

3:15 - 5:30 ***Reports from Breakout Groups and Discussion***

5:30 ***Adjourn for Day 1***

TUESDAY, MARCH 25

8:30 - 9:15 ***Review of Monday's Discussions***

9:15 - 10:30 ***Implementation/Next Steps***

10:30 - 10:45 ***BREAK***

10:45 - 1:00 ***Implementation Discussion, continued***

1:00 ***Adjourn***

APPENDIX C:
DRAFT TABLES AND SPECIFICATIONS

Table I: Health Level Seven Specifications for Electronic Laboratory-Based Reporting of Public Health Information

Table II: Health Level Seven User Defined Tables

Table III: Reporting Requirements for Nationally Notifiable Diseases and Conditions

Table IV: LOINC List

Table V: SNOMED Reference List

Appendix C - Table I
Health Level Seven Specifications for Electronic Laboratory-Based Reporting of Public Health Information

Final Guideline for Implementation

Centers for Disease Control and Prevention

October 1, 1997

Health Level Seven Specifications for Electronic Laboratory-Based Reporting of Public Health Information

Final Guideline for Implementation with Cancer Registry Comments - October 1, 1997

Table of Contents

Health Level Seven Specifications for Electronic Laboratory-Based Reporting of Public Health Information

Document Summary

This document is a guide for implementing electronic communication of reportable information from laboratories to public health agencies using Health Level 7 (HL7). HL7 is an accredited, nationally-recognized standard for electronic data exchange in healthcare environments. HL7 is not a commercial software or data transfer package, but instead is a defined set of rules for sending simple text characters in groups that represent patient identifiers, clinician identifiers, laboratory test information, test results, and other clinical and administrative data. The standard allows communication between separate and different types of information systems. The implementation guide directly follows the specifications described in the HL7 Standard version 2.3 and focuses on one type of HL7 message, the *Observational Report - Unsolicited* (ORU). While HL7 has described the order and structure of data fields for sharing test results, it has not stipulated which coding system or dictionary of descriptive terms should be used to unambiguously identify specific tests and findings; this is the responsibility of the parties sharing the information. For sharing laboratory-based reports of public health findings, two coding systems are recommended: 1) Logical Observation Identifier Names and Codes (LOINC) for specific laboratory procedure names, and 2) the Systematized Nomenclature for Human and Veterinary Medicine (SNOMED) for descriptions of findings, notably organism names. The guide gives a description of the utility and requirement of each data field in the ORU message with some specific comments for cancer registry reporting, provides examples of complete messages, and provides tables of recommended codes. The guide has been provided for pilot-testing and may be changed as improvements are identified.

1.0 Introduction

1.1 Background

Monitoring the occurrence of diseases is a cornerstone of public health decision-making. This monitoring, referred to as public health surveillance, can be used to trigger case or outbreak investigations, follow trends, evaluate the effect of prevention measures such as immunizations, and suggest public health priorities. Because disease trends have the potential to shift rapidly, especially with infectious diseases, surveillance needs to be ongoing, timely, and complete.

Each state and territory has requirements for laboratories to report certain findings to health officials. In the past, these reports were written by hand on forms provided by health departments and mailed to appropriate offices. With computerization of laboratories, it has become possible for laboratories to send reportable data to health departments electronically.

This guide contains the specifications for sending laboratory-reportable findings to appropriate state, territorial, and federal health agencies using Health Level 7 (HL7) messages. The message is not specific to any pathogen or reportable condition and is applicable for most laboratory-reportable findings in the National Public Health Surveillance System (NPHSS) as defined by the Council of State and Territorial Epidemiologists (CSTE). The message is also applicable for pilot-testing of laboratory reporting of anatomic pathology results to cancer registries in accordance with the North American Association of Central Cancer Registries (NAACCR). The specifications given in this guide have been reviewed and revised with the assistance of Clement MacDonald, MD, of the Regenstrief Institute and Co-Chair of HL7 Chapters 4 and 7, Hans Buitendijk, of Shared Medical Systems and Co-Chair of HL7 Chapter 7, Debbie Murray, Chair of the HL7 Implementation Committee, Stephen Moser, PhD, of the University of Alabama at Birmingham, Susan Abernathy of the National Immunization Program, CDC, Steven Steindel, PhD of the Public Health Practice Office, CDC, and David Eide of Group Health

Cooperative of Puget Sound, Seattle, WA. Final review, revision, and addition of cancer registry reporting comments were provided by Warren Williams, National Center for Chronic Disease Prevention and Health Promotion, CDC.

1.2 Scope

The specifications in this guide are not intended as a tutorial for either HL7 or interfacing in general. The reader is expected to have a basic understanding of interface concepts, HL7, and electronic laboratory-based reporting of public health information. This guide describes a data exchange protocol applicable for reporting most laboratory findings of public health importance. This guide is an implementation guide based on the final release of HL7, version 2.3. No violations of the standard have been made. Any user-defined variations are clearly described. Reporting requirements vary by state. For reportable elements and reporting locations, laboratories are referred to state health departments in their states.

1.3 Contact

Dan Jernigan, MD, MPH
National Center for Infectious Diseases
Centers for Disease Control and Prevention, at
1610 NE 150th Street, MS K17-9
Seattle, WA 98155

tel (206) 361-2844
fax (206) 361-2930
net dbj0@cdc.gov

An electronic copy of this document can be can be requested by E-mail.

2.0 Definitions

The specifications presented in this guide were developed using HL7 version 2.3. Many tables referenced in the discussion of the message segments below can be found in Appendix B at the end of the guide; tables not in the appendix can be found in the HL7 2.3 document. Information about the HL7 Standard for electronic data exchange can be found at the Duke HL7 Health Informatics Internet site on the world wide web (http://www.mcis.duke.edu/standards/HL7/hl7.htm). Readers are referred to the standard document and related documents on the web site for a more detailed explanation of each of the data types below.

2.1 Table Abbreviations

The abbreviated terms and their definitions used in the segment table headings are as follows:

SEQ - The sequence of the elements as they are numbered in the segment.
LEN - The length of the element.
DT - The data type of the element. The data types are described in 2.2 below.
OPT - Whether the field is required, optional, or conditional in a segment. Required fields are defined by HL7 2.3 and do not refer to requirements for reporting laboratory findings to public health agencies. The designations are:

- *R* - Required.
- *O* - Optional.
- *C* - Conditional on the trigger event or on some other field(s). The field definitions following the segment attribute table should specify the algorithm that defines the conditionality for the field.

X - Not used with this trigger event.
B - Left in for backward compatibility with previous versions of HL7. The field definitions following the segment attribute table should denote the optionality of the field for prior versions.

RP/# - Indicates if element repeats and number of times.
TBL# - Specific table reference. Tables are listed in Appendix B.
ITEM# - HL7 unique item number for each element.
Element Name - Descriptive name of element in the segment.

2.2 Data Types

The abbreviated data type names used in the implementation guide are as follows:

CE = coded element
CK = composite ID w/check digit
CQ = composite quantity w/units
CX = extended composite ID w/check digit
DLN = driver's licence number
DT = date
EI = entity identifier
HD = hierarchic designator
ID = coded value
IS = sequence ID
NM = numeric
PT = processing type
SI = sequence ID
SN = structured numeric
ST = string
TQ = timing quantity
TS = time stamp
TX= text data
XAD = extended address
XCN = extended composite ID number and name for persons
XON = extended composite name and ID number for organizations
XPN = extended person name
XTN = extended telecommunications number

3.0 Communications

The specifications presented in this guide allow for acknowledgment messages to be sent from the receiver of the laboratory-based reporting message as a receipt to the sender. These acknowledgment messages may be useful in verifying that complete messages were received. The use of acknowledgment messages are not described in this guide; a full description can be found in HL7 2.3. Encryption and mechanisms for transmitting messages are not described in this guide.

4.0 Unsolicited Observation Message

Laboratories may report to public health agencies using the unsolicited observation message (i.e., ORU). The ORU is a collection of segments which are described below. The segments are not unique to the ORU but can be found in combination with other segments in other HL7 messages. The ORU does not contain certain elements that are important for public health reporting. For this reason, a segment for laboratory-based reporting of additional information to public health agencies (i.e., ZLR) has been defined. The addition of the ZLR follows HL7 convention for user-defined segments as described further below. The ZLR is not defined in the HL7 2.3 standard and therefore no discussion of the segment will be found in the standard document.

4.1 ORU Message Structure

The message for reporting public health information follows the HL7 2.3 ORU structure. Braces "{ }" denote repeatable segments; brackets "[ ]" denote optional segments. Using the basic "building blocks" of PID, OBR, and OBX segments (in bold type below), a clinical report can be constructed as a three-level hierarchy with the patient information (PID) segment at the upper level, an order record (OBR) at the next level, and one or more observation records (OBX) at the bottom. The ZLR segment, defined for

laboratory-based reporting, can be considered an extension of the OBR segment.

MSH	**Message Header**
{	
[	
PID	**Patient Identification**
[PD1]	Additional Demographics
[{NTE}]	Notes and Comments
[PV1	Patient Visit
[PV2]]	Patient Visit - Additional Info
]	
{	
[ORC]	Order Common
OBR	**Observation Request**
ZLR	**Additional Information for Laboratory-Based Reporting**
{[NTE]}	Notes and Comments
{	
[OBX]	**Observation/Result**
{[NTE]}	Notes and Comments
}	
{[CTI]}	Clinical Trial Identifier
}	
}	
[DSC]	Continuation Pointer

While certain elements of the message are required for laboratory-based reporting, messages with data populating non-required fields will not be rejected. While the ORU allows for the use of PD1, NTE, PV1, PV2, ORC, CTI, and DSC, these segments will not be used in the laboratory-based reporting message. For this reason, there is no discussion of these segments in this implementation guide. Messages containing these segments will not be rejected.

4.2 Segment Mapping

Each segment of the ORU used in the laboratory-based reporting message is discussed below. A table of the attributes for each segment leads a detailed description of each element.

4.2.1 MSH Segment - Message Header

The message header segment (MSH) defines the intent, source, destination, and some specifics of the syntax of a message. The attributes of the message header segment are listed in the table below.

MSH Attributes

SEQ	LEN	DT	TBL#	RP/#	ITEM#	OPT	ELEMENT NAME
1	1	ST			00001	R	Field separator
2	4	ST			00002	R	Encoding characters
3	180	HD			00003	O	Sending application
4	180	HD			00004	O	Sending facility
5	180	HD			00005	O	Receiving application
6	180	HD			00006	O	Receiving facility
7	26	TS			00007	O	Date/time of message
8	40	ST			00008	O	Security
9	7	CM			00009	R	Message type
10	20	ST			00010	R	Message control ID
11	3	PT			00011	R	Processing ID
12	8	ID			00012	R	Version ID
13	15	NM			00013	O	Sequence number
14	180	ST			00014	O	Continuation pointer
15	2	ID	0155		00015	O	Accept acknowledgment type
16	2	ID	0155		00016	O	Application acknowledgment type
17	2	ID			00017	O	Country code
18	6	ID	0211	Y/3	00692	O	Character Set
19	60	CE			00693	O	Principal Language of Message

Example Segment of MSH:

MSH|^~\&||MediLabCo-Seattle^45D0470381^CLIA|NPHSS|WA-DOH
|199602171830||ORU^R01||P|2.3

If elements that contain no data (e.g., "||") appear at the end of a segment, HL7 allows the elements to not appear. For example, the message above has no data populating elements 13-19, thus, the segment ends at element 12 (i.e., ...|2.3).

MSH-1 Field Separator (ST)

This field contains the separator between the segment ID, (i.e., "MSH") and the first real field, *MSH-2-encoding characters*. As such it serves as the separator and defines the character to be used as a separator for the rest of the message. Recommended value is '|', ASCII (124).

MSH-2 Encoding Characters (ST)

Recommended values for laboratory-based reporting are:

Component -	'^'	ASCII(94)
Repetition -	'~'	ASCII(126)
Escape -	'\'	ASCII(92)
Subcomponent -	'&'	ASCII(38)

Note that the characters in MSH-2 appear as:

|^~\&|

The order of the characters does not denote a hierarchy of separators; only '^' and '&' are to be used as separators in an element. Thus, an example of a compound element using components and subcomponents from PID-2 described later would appear as:

|10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA|

and not as:

|10543^^^^^Columbia Valley Memorial Hospital~01D0355944~CLIA|

The tilde, '~', should not be used as a separator but rather should be used to identify when a repeating field or component occurs.

MSH-3 Sending Application (HD)

Field is optional and may be left blank. The identification of the sending laboratory appears in MSH-4.

MSH-4 Sending Facility (HD)

The originator of the HL7 message will place the text name of the sending laboratory or reporting site, followed by the unique Clinical Laboratory Improvement Act (CLIA) identifier of the originating institution. Information about CLIA can be found at http://www.cdc.gov/phppo/dls/dlshome.htm on the world wide web. For example:

|MediLabCo-Seattle^45D0470381^CLIA|

The data type is a hierarchic designator (HD) which has the components:

<namespace ID (IS)> ^ <universal ID (ST)> ^ <universal ID type (ID)>

HL7 allows MSH-4 to be entirely defined by the user. For laboratory-based reporting, MSH-4 is defined as the following:

namespace ID -	text name of the sending laboratory
universal ID -	CLIA number for the sending laboratory
universal ID type -	"CLIA" , indicating that the universal ID is a nationally-assigned unique identifier

MSH-5 Receiving Application (HD)

The field should contain either the abbreviation for the National Public Health Surveillance System (NPHSS) to denote an electronic laboratory-based report for communicable diseases or the abbreviation for the North American Association of Central Cancer Registries (NAACCR) for an electronic laboratory-based report for cancer pathology. For example:

|NPHSS|

Since only the first component of the HD ("namespace ID") is used, it is not necessary to use "^" for the second and third components since they are blank.

MSH-6 Receiving Facility (HD)

Field is optional and may be left blank. Certain public health agencies may request that a unique identifier for the state health department or specific program appear here. For example:

|WA-DOH|

MSH-7 Date/Time of Message (TS)

Field will contain the date and time that the message was generated using the HL7-defined timestamp (TS) which has the following components:

YYYY[LL[DD[HHMM[SS[.S[S[S[S]]]]]]]] [+/-ZZZZ] ^ <degree of precision>

where Y=year, L=month, D=day, H=hour, M=minute, S=second, and Z=the time zone relative to Greenwich standard time. For example, 6:30 pm, February 17, 1996 in the Pacific time zone would appear as:

|199602171830-0900|

The time zone is optional. Times reported will be assumed relative to the sending facility.

MSH-8 Security (ST)

Field is optional and may be left blank.

MSH-9 Message Type (CM)

The message is an unsolicited transmission of an observation message and appears as:

|ORU^R01|

MSH-10 Message Control ID (ST)

Field is required by HL7 2.3, however, the field will not be used for laboratory-based reporting.

MSH-11 Processing ID (PT)

Field appears as T for training, P for production, or D for debugging. Data sent for reporting should appear as a P; D can be used in early phases of implementation. For example: |P|

MSH-12 Version ID (ID)

Version 2.3 is strongly recommended: |2.3|

MSH-13 Sequence Number (NM)

Field is optional and may be left blank.

MSH-14 Continuation Pointer (ST)

Field is optional and may be left blank.

MSH-15 Accept Acknowledgment Type (ID)

Field is optional and may be left blank.

MSH-16 Application Acknowledgment Type (ID)

Field is optional and may be left blank.

MSH-17 Country Code (ID)

Field is optional and may be left blank.

MSH-18 Character Set (ID)

This field contains the character set for the entire message. Only printable 7-bit ASCII characters should be used for laboratory-based reporting. The field should be left blank; HL7 assumes that 7-bit ASCII characters are used when MSH-18 is left blank.

MSH-19 Principal Language of Message (CE)

Field is optional and may be left blank.

4.2.2 PID Segment - Patient Identification

The PID segment is used as the primary means of communicating patient identification information. This segment contains permanent patient identifying and demographic information that is not likely to change frequently.

PID Attributes

SEQ	LEN	DT	TBL#	RP/#	ITEM#	OPT	ELEMENT NAME
1	4	SI			00104	O	Set ID - Patient ID
2	20	CX			00105	O	Patient ID (External ID)
3	20	CX		Y	00106	R	Patient ID (Internal ID)
4	20	CX		Y	00107	O	Alternate Patient ID - PID
5	48	XPN		Y	00108	R	Patient Name
6	48	XPN			00109	O	Mother's Maiden Name
7	26	TS			00110	O	Date/Time of Birth
8	1	IS	0001		00111	O	Sex
9	48	XPN		Y	00112	O	Patient Alias
10	1	IS	0005		00113	O	Race
11	106	XAD		Y	00114	O	Patient Address
12	4	IS			00115	B	County Code
13	40	XTN		Y	00116	O	Phone Number - Home
14	40	XTN		Y	00117	O	Phone Number - Business
15	60	CE	0296		00118	O	Primary Language
16	1	IS	0002		00119	O	Marital Status
17	3	IS	0006		00120	O	Religion
18	20	CX			00121	O	Patient Account Number
19	16	ST			00122	O	SSN Number - Patient
20	25	DLN			00123	O	Driver's Lic Num - Patient
21	20	CX		Y	00124	O	Mother's Identifier
22	3	IS	0189		00125	O	Ethnic Group
23	60	ST			00126	O	Birth Place
24	2	ID	0136		00127	O	Multiple Birth Indicator
25	2	NM			00128	O	Birth Order
26	4	IS	0171	Y	00129	O	Citizenship
27	60	CE	0172		00130	O	Veterans Military Status
28	80	CE			00739	O	Nationality
29	26	TS			00740	O	Patient Death Date and Time
30	1	ID	0136		00741	O	Patient Death Indicator

Example Segment of PID

PID|1|10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA
|95101100001^^^^^MediLabCo-Seattle&45D0470381&CLIA|
|Doe^John^Q^Jr|Clemmons|19641004|M||W|2166 Wells Dr^Apt
B^Seattle^WA^98109^USA^^^King||^^^^^206^6793240|||M|||423523049|DOEJ34556057^WA^19
970801||N

PID-1 Set ID-patient ID (SI)

This field allows for multiple PID segments (i.e. multiple patient reports) with a single MSH. The Set ID field is used to identify repetitions. For laboratory-based reporting, it is strongly recommended that information for only one patient be sent per message, in other words, one PID per MSH. Thus, PID-1 may be left blank or should appear as: |1|

PID-2 Patient ID (external ID) (CX)

HL7 2.3 has defined two places for a patient identifier (i.e., medical record number). PID-2 allows a reporting laboratory to provide the medical record number assigned at an original institution which submitted a specimen for testing. PID-3 allows a reporting laboratory to provide the medical record number assigned at their own institution. The field has the following components:

<ID (ST)> ^ <check digit (ST)> ^ <code identifying the check digit scheme employed

(ID)> ^ <assigning authority (HD)> ^ <identifier type code (IS)> ^ <assigning facility (HD)>

The <assigning facility> is a HD data type as described in MSH-4 and has the following subcomponents:

<namespace ID (IS)> ^ <universal ID (ST)> ^ <universal ID type (ID)>

This field will be used for the patient's unique identifier that was assigned at an originating laboratory before the specimen was sent to a reference laboratory. The field will also contain the unique CLIA identifier for the originating laboratory. The institution that eventually performed the test and thus will report the result, for instance a commercial reference laboratory, will provide a unique patient identifier as well in PID-3 below.

For instance, an isolate from the Columbia Valley Memorial Hospital laboratory is sent to a reference laboratory named MediLabCo; the result is reported by MediLabCo. PID-2, the external ID, would contain the unique patient identifier (usually a medical record number) assigned at the originating institution (i.e., Columbia Valley Memorial Hospital) in the <ID (ST)> component. The unique CLIA identifier for Columbia Valley Memorial Hospital would appear in the <assigning facility (HD)> component. Since HL7 allows users to define the subcomponents of the HD data type, the assigning facility in PID-2 has the following definition for the laboratory-based reporting message:

namespace ID -	Name of originating laboratory
universal ID -	Unique CLIA number of originating laboratory
universal ID type -	"CLIA"

This is analogous to the description of the sending facility in MSH-4. The above described example would appear as:

|10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA|

In this example, <10543> is the patient's medical record number, the <^^^^^> shows that the four HL7 components "check digit", "code identifying the check digit scheme employed", "assigning authority", and "identifier type code" are not required and thus are empty. The next component, <Columbia Valley Memorial Hospital &01D0355944&CLIA>, follows the user-defined HD data type described above and contains 1) the name of the originating laboratory, 2) the CLIA identifier for the originating laboratory, and 3) the coding system "CLIA" to denote that the preceding identifier is a nationally-unique identifier.

Some reporting laboratories may not have the unique patient identifiers that were assigned at the originating institution. If this is the case, PID-2 may be left blank.

PID-3 Patient ID (internal ID) (CX)

PID-3 is essentially the patient identifier (i.e., medical record number) from the laboratory which is submitting the report to public health officials. The field has the same components as PID-2:

<ID (ST)> ^ <check digit (ST)> ^ <code identifying the check digit scheme employed (ID)> ^ <assigning authority (HD)> ^ <identifier type code (IS)> ^ <assigning facility (HD)>

The <assigning facility> is a HD data type as described above and has the following user-defined subcomponents:

<namespace ID (IS)> ^ <universal ID (ST)> ^ <universal ID type (ID)>

Since HL7 allows users to define the subcomponents of the HD data type, the <assigning facility> has the following definition for the laboratory-based reporting message:

namespace ID - Name of originating laboratory
universal ID - Unique CLIA number of originating laboratory
universal ID type - "CLIA"

This is analogous to the description of the assigning facility in PID-2.**PID-3 (Patient ID - internal ID) will be the primary patient identifier for the laboratory-based reporting message.** In the laboratory reporting scenario described in PID-2, the unique patient identifier from MediLabCo would appear in this field along with the name and CLIA number for MediLabCo. The above described example would appear as:

|95101100001^^^^^MediLabCo-Seattle&45D0470381&CLIA|

If a hospital laboratory will be reporting the result (and thus there will be only one hospital involved in collection and processing of the specimen) then the hospital laboratory's patient identifier and the hospital CLIA ID will appear in the "internal ID"; no information will appear in the "external ID". Equally, if a reference laboratory receives a specimen from a doctor's office and no preceding originating laboratory is used, then the reference laboratory's patient identifier and reference laboratory CLIA ID will appear in the "internal ID"; no information will appear in the "external ID".

If a hospital laboratory is reporting the results of a test performed at a reference laboratory, the "Alternate Patient ID" below should have the unique patient identifier assigned by the reference laboratory. The hospital laboratory that is reporting the finding would give their unique patient identifier here in PID-3.

This field, along with "Patient Name" (PID-5), are listed as required fields by HL7 2.3. Although uncommon, some laboratories may not currently collect information which may be used for either PID-3 or PID-5. It is strongly recommended that either a personal identifier unique to the testing laboratory (PID-3) or the patient name (PID-5) be provided; ***however, if neither are available the message for reporting <u>should</u> still be sent with the following populating the field:***

|nodata|

This is an exception to the standard HL7 2.3 optionality for the PID segment.

PID-4 Alternate Patient ID (CX)

For laboratory-based reporting, PID-4 should be used for the unique patient identifier assigned by an outside laboratory that performed the test. For instance, Columbia Valley Memorial Hospital has sent a specimen to MediLabCo for testing. The test is performed and the results are sent back to Columbia Valley Memorial Hospital which then electronically transmits the results to a public health agency. The unique patient identifier from Columbia Valley Memorial Hospital would appear in PID-3, and the unique patient identifier from MediLabCo would appear in PID-4. Identification of the outside laboratory performing the test will appear in OBX-15 (i.e., Producer's ID). The CX data type and HD have been described above in PID-2 and PID-3. For example:

|95101100001^^^^^MediLabCo-Seattle&45D0470381&CLIA|

The patient's age should not be reported here, but should appear in ZLR-5 if no date of birth is known.

PID-5 Patient Name (XPN)

Field has the following components:

<family name (ST)> ^ <given name (ST)> ^ <middle initial or name (ST)> ^ <suffix (e.g., JR or III) (ST)> ^ <prefix (e.g., DR) (ST)> ^ <degree (e.g., MD) (ST)> ^ <name type code (ID)>

For example:

|Doe^John^Q^Jr|

This field, along with "Patient ID (Internal ID)" (PID-3), are listed as required fields for HL7 2.3. Although uncommon, some laboratories may not currently collect information which may be used for either PID-3 or PID-5. It is strongly recommended that either a personal identifier unique to the testing laboratory (PID-3) or the patient name (PID-5) be provided; ***however, if neither are available the message for reporting should still be sent with the following populating the field:***

|nodata|

This is an exception to the HL7 2.3 optionality for the PID segment.

Cancer Reporting Comment: PID-5 corresponds to NAACCR version 5.0 item numbers 2230,2240,2250

PID-6 Mother's Maiden Name (XPN)

The field is optional but is recommended if available. The components are the same as described in PID-5. For example:

|Clemmons|

PID-7 Date/Time of Birth (TS)

The field has the same structure as defined for MSH-7. The field should contain at least the year, month, and date. For example:

|19641004|

If the patient's age only is available, HL7 2.3 allows the degree of precision to be changed so that only the year is provided:

|1964|

This is strongly discouraged for laboratory-based reporting. An alternative method for sending patient age is provided in "Patient's Age" in the ZLR segment described below.

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 240

PID-8 Sex (IS)

HL7 allows users to define the values for Table 0001. The CDC-recommended values for the laboratory-based reporting message are:

Sex - Table 0001

Value	Description
F	Female
M	Male
H	Hermaphrodite, undetermined
T	Transsexual
U	Unknown / not stated

For example: |M|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 220

PID-9 Patient Alias (XPN)

This field contains the names by which the patient has been known at some time. Although the field is optional, it is recommended that the data be sent if available. The field may repeat multiple times for multiple different patient aliases.

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 2280

PID-10 Race (IS)

HL7 allows users to define the values for Table 0005. The values below are recommended for the laboratory-based reporting message:

Race - Table 0005

Value	Description
W	White
B	Black
A	Asian or Pacific Islander
I	American Indian or Alaskan Native
M	Multiracial
O	Other
U	Unknown

For example: |W|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 160. Note NAACCR codes for race are different.

PID-11 Patient Address (XAD)

This field contains the mailing address of the patient. This information is of great importance to agencies receiving laboratory-based reports. The information allows health officials to notify local agencies of potential public health problems in their jurisdictions.

Multiple addresses for the same person may be sent (using the repetition character "~") in the following sequence: the primary mailing address must be sent first in the sequence; if the primary mailing address is not sent then a repeat delimiter must be sent in the first sequence.

The field has the following components:

<street address (ST)> ^ < other designation (ST)> ^ <city (ST)> ^ <state or province (ST)> ^ <zip or postal code (ST)> ^ <country (ID)> ^ <address type (ID)> ^ <other geographic designation (ST)> ^ <county/parish code (IS)> ^ <census tract (IS)>

For example:

|2166 Wells Dr^Apt B^Seattle^WA^98109^USA^^^King|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item numbers 70,80,100,2330

PID-12 County Code (IS)

According to HL7 v. 2.3, county code should appear in the component <county/parish code> in the "Patient Address" field above. The element PID-12 was left in by HL7 for backward compatibility.

PID-13 Phone Number - Home (XTN)

Field will follow the HL7-defined structure for extended telecommunications number, data type XTN, which has the following components:

[NNN] [(999)]999-9999 [X99999] [B99999] [C any text] ^ <telecommunication use code (ID)> ^ <telecommunication equipment type (ID)> ^ <E-mail address (ST)> ^ <country code (NM)> ^ <area/city code (NM)> ^ <phone number (NM)> ^ <extension (NM)> ^ <any text (ST)>

Components five through nine reiterate the basic function of the first component in a delimited form that allows the expression of both local and international telephone numbers. In HL7 Version 2.3, the recommended form for the telephone number is to use the delimited form rather than the unstructured form supported by the first component (which is left in for backward compatibility only). Alternative home phone numbers can be provided with the repeating character "~". For laboratory-based reporting, phone numbers provided in the first component of PID-13 will be accepted as well.

For example: |^^^^^206^6793240^^call after 5:00 pm only ~ ^^^^^206^6795772|

or |(206) 679-3240|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 2360.

PID-14 Phone Number - Business (XTN)

Field will follow the HL7-defined structure for extended telecommunications number (XTN) as described in PID-13.

PID-15 Primary Language - Patient (CE)

This field contains the patient's primary language. HL7 recommends using ISO table 639 as the suggested values in *user-defined table 0296 - Language*. The field is optional and may be left blank.

PID-16 Marital Status (IS)

Field uses the values listed in HL7 Table 0002. Field is optional and may be left blank.

Marital Status - Table 0002

Value	Description
A	Separated
D	Divorced
M	Married
S	Single
W	Widowed

For example: |M|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 150.

PID-17 Religion (IS)

Field is optional and may be left blank.

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 260.

PID-18 Patient Account Number (CX)

Field is optional and may be left blank. The field may be used as an alternative patient identifier from the laboratory.

PID-19 Social Security Number (SSN) (ST)

This field contains the patient's social security number. The field is optional, however, it is recommended that the field be sent if available for laboratory-based reporting. The field should contain the 9 digit SSN without hyphens or spaces.

For example: |423523049|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 2320.

PID-20 Driver's License Number (DLN)

Field is optional and may be left blank. The data type "Driver's License Number" (DLN) has the following structure:

<license number (ST)> ^ <issuing state, province, country (IS)> ^ <expiration date (DT)

For example: |DOEJ34556057^WA^19970801|

PID-21 Mother's Identifier (CX)

Field has the following components:

<ID (ST)> ^ <check digit (ST)> ^ <code identifying the check digit scheme employed (ID)> ^ <assigning authority (HD)>^<identifier type code (IS)>^<assigning facility (HD)>

This field is optional; however, it is recommended that it be sent if available. The field may be used to further identify a neonatal patient during an admission for delivery. The fourth component, <assigning facility (HD)>, has the same subcomponents as described in PID-2 and PID-3. For example:

|10096^^^^^Columbia Valley Hospital&01D0355944&CLIA|

PID-22 Ethnic Group (IS)

HL7 allows users to define the values for Table 0189. The following table should be used for laboratory-based reporting if the ethnic group of the patient is known:

Ethnic Group - Table 0189

Value	Description
H	Hispanic
N	Non-Hispanic
U	Unknown

For example: |N|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 190. Note that NAACCR codes for ethnic group are different

PID-23 Birth Place (ST)

Field is optional and may be left blank.

PID-24 Multiple Birth Indicator (ID)

Field is optional and may be left blank. HL7 requires the use of *HL7 table 0136 - Yes/No Indicator* for PID-24 where Y=yes and N=no.

PID-25 Birth Order (NM)

Field is optional and may be left blank.

PID-26 Citizenship (IS)

Field is optional and may be left blank.

PID-27 Veteran's Military Status (CE)

Field is optional and may be left blank.

PID-28 Nationality (CE)

Field is optional and may be left blank.

PID-29 Patient death date and time (TS)

Field is optional for HL7 2.3 but is recommended for laboratory-based reporting if available.

PID-30 Patient death indicator (ID)

Field is optional for HL7 2.3 but is recommended for laboratory-based reporting if available. HL7 requires the use of *HL7 table 0136 - Yes/No Indicator* for PID-30 where Y=yes and N=no. An example for a patient that died is: |Y|.

4.2.3 OBR Segment - Observation Request

The Observation Request (OBR) segment is used to transmit information specific to an order for a diagnostic study or observation, physical exam, or assessment. The OBR defines the attributes of a particular request for diagnostic services or clinical observations. For laboratory-based reporting, the OBR defines the attributes of the original request for laboratory testing. Essentially, the OBR describes a battery or panel of tests that are being requested or are being reported. The OBR is somewhat analogous to a generic lab slip which gets filled when a lab test is requested by a physician. The individual test names and results for the panel of tests that was performed are reported in OBX segments which are described below. There can be many OBX's per OBR, and there can be many OBR's per PID. There is only one ZLR per OBR and for laboratory-based reporting there should be only one PID per MSH.

OBR Attributes

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM #	ELEMENT NAME
1	4	SI	C			00237	Set ID - OBR
2	22	EI	C			00216	Placer Order Number
3	22	EI	C			00217	Filler Order Number
4	200	CE	R			00238	Universal Service ID
5	2	ID	X			00239	Priority
6	26	TS	X			00240	Requested Date/Time
7	26	TS	C			00241	Observation Date/Time
8	26	TS	O			00242	Observation End Date/Time
9	20	CQ	O			00243	Collection Volume
10	60	XCN	O	Y		00244	Collector Identifier
11	1	ID	O		0065	00245	Specimen Action Code
12	60	CE	O			00246	Danger Code
13	300	ST	O			00247	Relevant Clinical Info.
14	26	TS	C			00248	Specimen Received Date/Time
15	300	CM	O		0070	00249	Specimen Source
16	80	XCN	O	Y		00226	Ordering Provider
17	40	XTN	O	Y/2		00250	Order Callback Phone Number
18	60	ST	O			00251	Placer field 1
19	60	ST	O			00252	Placer field 2
20	60	ST	O			00253	Filler Field 1
21	60	ST	O			00254	Filler Field 2
22	26	TS	C			00255	Results Rpt/Status Chng - Date/Time
23	40	CM	O			00256	Charge to Practice
24	10	ID	O		0074	00257	Diagnostic Serv Sect ID
25	1	ID	C		0123	00258	Result Status
26	400	CM	O			00259	Parent Result
27	200	TQ	O	Y		00221	Quantity/Timing
28	150	XCN	O	Y/5		00260	Result Copies To
29	150	CM	O			00261	Parent Number
30	20	ID	O		0124	00262	Transportation Mode
31	300	CE	O	Y		00263	Reason for Study
32	200	CM	O			00264	Principal Result Interpreter
33	200	CM	O	Y		00265	Assistant Result Interpreter
34	200	CM	O	Y		00266	Technician
35	200	CM	O	Y		00267	Transcriptionist
36	26	TS	O			00268	Scheduled Date/Time
37	4	NM	O			01028	Number of Sample Containers
38	60	CE	O	Y		01029	Transport Logistics of Collected Sample
39	200	CE	O	Y		01030	Collector's Comment
40	60	CE	O			01031	Transport Arrangement Responsibility
41	30	ID	O		0224	01032	Transport Arranged
42	1	ID	O		0225	01033	Escort Required
43	200	CE	O	Y		01034	Planned Patient Transport Comment

Examples of OBR segments:

For antimicrobial susceptibility testing:

OBR|2||MB99012|06730^MIC susceptibility test^L|||199601301530|||||||BLDV^Blood venous |^Jones^Marcus^F^Jr^Dr^MD|^^^^^206^3231921|||||||F|600-7&Microorganism identified, Blood Culture&LN^^L-25116&Streptococcus pneumoniae&SNM

For Hepatitis A Virus testing:

OBR|1||SER122145|78334^Hepatitis Panel, Measurement^L|||199603210830|||||||BLDV|^Welby^M^J^Jr^Dr^MD|^^^^^206^4884144|||||||F

For blood lead testing:

OBR|5||CH96779||||199601210730|||||||BLDC^Blood capillary|^Everett^C^Sr^Dr^MD
|^^^^^206^488-0911|||||||F

OBR-1 Set ID - OBR (SI)

Field should identify the sequence number of one of multiple OBR's under one PID. For the first order transmitted, the sequence number is 1, for the second order, it is 2, and so on. If more than one OBR per PID is transmitted, this field should be used.

For example, the second OBR under a single PID would appear as: |2|

OBR-2 Placer Order Number (EI)

The placer order number identifies an order uniquely among all orders from a particular ordering application. This field should be sent if available. The data type "EI" is described below. This field should not contain the accession number for a specimen.

OBR-3 Filler Order Number (EI)

The field has the following components:

<unique filler ID (ST)> ^ <filler application ID>

The field will be used to report the laboratory specimen accession number. This is the unique identifier that the laboratory uses to track specimens. The second component is not used. For example:

|MB99012|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 2780. The combination of laboratory ID and filler order number will uniquely identify a case. If a filler order number may recycle with a single year period, a month identifier (01 through 12) should be prepended to it.

OBR-4 Universal Service ID (CE)

This field is the identifier code for the requested observation/test/battery. The field is a compound element (CE) and has the following components:

<identifier (ID)> ^ <text (ST)> ^ <name of coding system (ST)>^<alternate identifier (ID)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)>

An example for a report of antimicrobial susceptibility would appear as:

|P3-55230^MIC susceptibility test, NOS^SNM|

The first component of the field, <P3-55230> is the Systematized Nomenclature of Human and Veterinary Medicine (SNOMED) code for a general MIC test which has been performed and which will have its individual antimicrobial susceptibility results reported in the OBX segment described later. The second component is the name of the test, <MIC susceptibility test, NOS> as it appears in the SNOMED coding system. SNOMED is described further in OBX-5 below. The third component is the name of the coding system, <SNM> which has the table where the

codes and names of the tests can be found. Coding systems other than SNOMED, such as LOINC (Logical Observation Identifier Names and Codes) or local codes can be used for OBR-4.

No coding recommendation for laboratory-based reporting has been made for OBR-4 since the field describes the originally-requested order (e.g., a hepatitis panel or antimicrobial susceptibility testing battery). **The "informative field" for laboratory-based reporting is OBX-3 described below. OBX-3 should be used to provide an unambiguous, specific test name and OBX-5 should provide the result to the test.** No specific coding system is described for OBR-4 and information in OBR-4 will not be used routinely. Examples of messages for different laboratory-reportable findings are given in Appendix A.

An example for a report of a hepatitis panel would appear as:

|78334^Hepatitis Panel, Measurement^L|

Here the code is a user-defined "local" code as indicated by the <L> in the third subcomponent. Note that the "Universal Service ID" is a code which often describes the battery or collection of tests that make up a routine laboratory panel. The individual results of the different components of the hepatitis panel are reported in the OBX segment described below. For most laboratory tests that are reportable to public health officials, the description of the test and result is sufficiently given in OBX alone. Information in OBR-4 will not be used routinely. An example of this is given in Appendix A for Blood Lead reporting.

OBR-5 Priority (ID)

Field is optional and may be left blank.

OBR-6 Requested Date/Time (TS)

Field is optional and may be left blank.

OBR-7 Observation Date/Time (TS)

Field follows the HL7 timestamp (TS) structure described previously. This field is the clinically relevant date/time of the observation. Field should reflect the specimen collection date/time. For example:

|199601301530|

OBR-8 Observation End Date/Time (TS)

Field is optional and may be left blank.

OBR-9 Collection Volume (CQ)

Field is optional and may be left blank.

OBR-10 Collector Identifier (XCN)

Field is optional and may be left blank.

OBR-11 Specimen Action Code (ID)

Field is optional and may be left blank.

OBR-12 Danger Code (CE)

Field is optional and may be left blank.

OBR-13 Relevant Clinical Information (ST)

Field is optional and may be left blank. This field contains any additional clinical information about the patient or specimen. This field is used to report the suspected diagnosis and clinical findings on requests for interpreted diagnostic studies. Examples include reporting the amount of inspired carbon dioxide for blood gases, the point in the menstrual cycle for cervical pap tests, and other conditions that influence test interpretations. Relevant epidemiologically important information (e.g., day-care center attendee, or nursing home patient) can be placed here; however, there are no recommendations for specific use of this field for laboratory-based reporting.

OBR-14 Specimen Received Date/Time (TS)

Field is optional and may be left blank.

OBR-15 Specimen Source (CM)

Field will use HL7 Table 0070 for specimen sources found in Appendix B.The field has the data type “composite” (i.e., CM) and has the following components:

<specimen source name or code (CE)> ^ <additives (TX)> ^ <freetext (TX)> ^ <body site (CE)> ^ <site modifier (CE)>

The component <specimen source name or code (CE)>, <body site (CE)>, and <site modifier (CE)> are coded elements and have the subcomponents <code&text&name of coding system> as described previously.

An example for an isolate from a blood culture is:

|BLDV&Blood venous^^^T-D8400&Antecubital Region&SNM^LACF&Left Antecubital Fossa|

where <BLDV> is the code, <Blood venous> is the text of the code. Since there is no description for the third subcomponent “coding system”, it is assumed that HL7 table 0070 is used since it is the default coding system. Additional description can be given in the “body site” and “site modifier” fields using SNOMED or HL7 codes. Here, <T-D8400&Antecubital Region&SNM> is the SNOMED code for the body site, and <LACF&Left Antecubital Fossa> is the site modifier. Since there is no third subcomponent in the final component, it is assumed that the coding system is HL7 table 0163, “Administrative Site”.

An example for a specimen from a finger stick collection for blood lead testing where only the specimen source is provided:

|BLDC&Blood Capillary|

An example for a stool specimen which yielded a reportable enteric organism is:

|STL&Stool=Fecal|

It is strongly recommended that actual specimen sources be provided in OBR-15 and not surrogate descriptions such as “lavender-top” or “serum-separator tube”.

OBR-16 Ordering Provider (XCN)

The field has the data type “extended composite ID number and name for persons” (XCN) which differs from XPN previously described. The components are:

<ID number (ST)> ^ <family name (ST)> ^ <given name (ST)> ^ <middle initial or name (ST)> ^ <suffix (e.g., JR or III) (ST)> ^ <prefix (e.g., DR) (ST)> ^ <degree (e.g., MD) (ST)> ^ <source table (IS)> ^ <assigning authority (HD)>

For example:

|^Jones^Marcus^F^Jr^Dr^MD|

Public health agencies may request that the ordering provider’s address also be provided so that health officials can contact providers to obtain additional information during public health investigations. However, HL7 has not provided for the ordering provider’s address in the ORU. For this reason, the ordering provider’s address should be given in the ZLR segment described below.

OBR-17 Order Callback Phone Number (XTN)

The phone number for the ordering provider listed in OBR-16 should appear here. The components have been previously described in PID-13.

For example: |^^^^^206^277-0908^^call before 5:00 pm only~ ^^^^^206^5620767|

or |(206) 277-0908|

OBR-18 Placer Field #1 (ST)

Field is optional and may be left blank.

OBR-19 Placer Field #2 (ST)

Field is optional and may be left blank.

OBR-20 Filler Field #1 (ST)

Field is optional and may be left blank.

OBR-21 Filler Field #2 (ST)

Field is optional and may be left blank.

OBR-22 Results Report/Status Change - Date/Time (TS)

This field specifies the date/time results reported or status changed. This field is used to indicate the date and time that the results are composed into a report and released, or that a status, as defined in Order Status, is entered or changed. It is recommended that this be sent if available.

OBR-23 Charge to Practice (CM)

Field is optional and may be left blank.

OBR-24 Diagnostic Service Section ID (ID)

Field is optional and may be left blank.

OBR-25 Result Status (ID)

This field is required and may have the following values found in HL7-defined Table 0123:

Result Status Table 0123

Value	Description	Value	Description
O	-Order received; specimen not yet received	R	-Results stored; not yet verified
I	-No results available; specimen received, procedure incomplete	F	-Final results; results stored and verified. Can only be changed with a corrected result.
S	-No results available; procedure scheduled, but not done	X	-No results available; Order canceled.
	-Some, but not all, results available	Y	-No order on record for this test. (Used only on queries)
A	-Preliminary: A verified early result is available, final		
P	results not yet obtained	Z	-No record of this patient. (Used only on queries)
	-Correction to results		
C			

Some public health agencies may want to have preliminary results for certain tests. The decision to transmit final versus preliminary results may vary from state to state.

OBR-26 Parent Result (CM)

Field has the following components:

<OBX-3-observation identifier of parent result (CE)> ^ <OBX-4-sub-ID of parent result (ST)> ^ <part of OBX-5-observation results from parent (TX) [see discussion]>

The first component is a coded element and has the following structure:

<identifier (ST)> ^ <text (ST)> ^ <name of coding system (ST)> ^ <alternate identifier (ST)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)>

This field is defined so that links to messages describing previously-performed tests can be made. This important information, together with the information in OBR-29 parent number, uniquely identifies the parent result's OBX segment related to this order (a full description of the OBX segment is listed below). For instance, if the current battery (as designated in the present OBR-4) is an antimicrobial susceptibility test, the present parent result (OBR-26) contains the result from a previously-performed test which identified the organism on which the sensitivities are presently run. Thus, the OBX-3, OBX-4, and OBX-5 from a previous message appear in this field of the present OBR.

It is important to note that this field does not take the entire result field from the parent. It is meant only for the text name of the organism or chemical subspecies identified. This field is included only to provide a method for linking back to the parent result for those systems which could not generate unambiguous Observation ID's and sub-ID's.

An example is:

|600-7&Microorganism identified&LN^^L-25116&Streptococcus pneumoniae&SNM|

In this example, <600-7> is the code for a microbial culture which appeared in a previous OBX-3, <Microorganism identified> is the text describing the code, and <LN> is the name of the coding system, LOINC. The second component is not used in this message and remains blank. The third component has the SNOMED code for *Streptococcus pneumoniae*, the text name of the organism, and the name of the coding system. The third component was the OBX-5 that appeared in the parent result. The report of the antimicrobial susceptibility testing performed on the previously identified *Streptococcus pneumoniae* will be given in the OBX segment described below. Most laboratory findings that will be reported will not require the "parent result" field to be populated. A notable exception is the reporting of antimicrobial susceptibility testing results.

For laboratories that develop an HL7 message for laboratory-based reporting only and do not use HL7 within their institution, the parent result field should be used to report the name of the organism on which sensitivities were performed. OBR-26 would therefore appear as:

|^^L-25116&Streptococcus pneumoniae&SNM|

HL7 2.3 states that OBR-26 should only be present when the parent result is identified by *OBR-29-parent number*; however, as discussed, the parent result may not always be present when a laboratory uses HL7 for transmission of public health information only. For this reason, OBR-26 should be populated with information in the absence of a parent number. This is a deviation from the HL7 2.3 specifications but is necessary to interpret data required for laboratory-based reporting. As described below for OBX-3 and OBX-5, LOINC is recommended for the first component of the field and SNOMED for the third component. This is discussed at length below in the description of the OBX segment.

OBR-27 Quantity/Timing (TQ)

Field is optional and may be left blank.

OBR-28 Result Copies (XCN)

Send if available using the extended composite identification number and name for persons (XCN) as described in OBR-16. The field would appear as:

|^Parsons^Melvin^C^^Dr^MD|

OBR-29 Parent Number (CM)

The field is optional, however, it is recommended that the field be sent if available for laboratory-based reporting. This field may be sent when a parent result is provided. Reporting of antimicrobial susceptibility data requires that the parent result be populated with the name of the organism for which testing was performed (OBR-26). The parent number, essentially the accession number of the parent result, is a composite (CM) field which has the following components for OBR-29:

<parent's placer order number> ^ <parent's filler order number>

For a parent result with no placer order number, the field would appear as:

|^MB980167|

See also OBR-26 for further description.

OBR-30 Transportation Mode (ID)

Field is optional and may be left blank.

OBR-31 Reason for Study (CE)

Field is optional and may be left blank.

OBR-32 Principal Result Interpreter (CM)

Field has the following components:

<name (CN)> ^ <start date/time (TS)> ^ <end date/time (TS)> ^ <point of care (IS)> ^ <room (IS)> ^ <bed (IS)> ^ <facility (HD)> ^ <location status (IS)> ^ <patient location type (IS)> ^ <building (IS)> ^ <floor (IS)>

Subcomponents of name are:

<ID number (ST)> & <family name (ST)> & <given name (ST)> & <middle initial or name (ST)> & <suffix (e.g., Jr., III) (ST)> & <prefix (e.g., Dr.)> & <degree (e.g., MD) (ST)> & <source table (IS)> & <assigning authority (HD)>

Subcomponents of facility are:

<namespace ID (IS)> & <universal ID (ST)> & <universal ID type (ID)>

This field identifies the physician or other clinician who interpreted the observation and is responsible for the report content. Field is optional for laboratory-based reporting of communicable disease results and may be left blank.

Cancer Reporting Comment: This field is listed as optional by HL7. For anatomic pathology reporting, the name of the pathologist responsible for the interpretation of the pathologic examination should appear here. The ID number is the reporting pathologist's license number with the state of licensure appended (e.g., 99999999WA)

OBR-33 Assistant Result Interpreter (CM)

Field is optional and may be left blank.

OBR-34 Technician (CM)

Field is optional and may be left blank.

OBR-35 Transcriptionist (CM)

Field is optional and may be left blank.

OBR-36 Scheduled - Date/Time (TS)

Field is optional and may be left blank.

OBR-37 Number of sample containers (NM)

Field is optional and may be left blank.

OBR-38 Transport logistics of collected sample (CE)

Field is optional and may be left blank.

OBR-39 Collector's comment (CE)

Field is optional and may be left blank.

OBR-40 Transport arrangement responsibility (CE)

Field is optional and may be left blank.

OBR-41 Transport arranged (ID)

Field is optional and may be left blank.

OBR-42 Escort required (ID)

Field is optional and may be left blank.

OBR-43 Planned patient transport comment (CE)

Field is optional and may be left blank.

4.2.4 ZLR Segment - Additional Information for Laboratory-Based Reporting

The Observation Results Unsolicited (ORU) message defined in HL7 2.3 does not contain certain data elements which are of importance to public health officials. To allow laboratories to send this information, a "Z segment" has been constructed and is described below. HL7 allows users to define unique segments which can be used in trading-partner relationships such as reporting of public health information to public health agencies. By convention, HL7 has defined any segment beginning with the letter "Z" to be a *user-defined* segment and thus, there is no description of the ZLR segment in the HL7 2.3 standard document. The ZLR segment is defined below and is unique to the laboratory-based reporting message for public health information. The ZLR segment ***must*** follow each OBR segment and there can be only one ZLR per OBR. Since ZLR is user-defined, additions to the segment can be made to accommodate changing needs for reporting. Public health agencies should notify reporting laboratories when changes are made. For some laboratories, the construction of user-defined segments may not be possible. In these situations, reporting may be possible without the use of the ZLR after consultation with health agencies which will be receiving the data electronically.

ZLR Attributes

SEQ	LEN	DT	RP/#	OPT	TBL#	ITEM#	ELEMENT NAME

1	106	XAD		*		*	Ordering Provider's Address
2	90	XON		*		*	Ordering Facility Name
3	106	XAD		*		*	Ordering Facility Address
4	40	XPN		*		*	Ordering Facility Phone
5	20	SN		*	Z-0001	*	Patient's Age
6	40	XPN		*		*	Next of Kin/Assoc. Party Name
7	40	CE		*	0063	*	Next of Kin/Assoc. Party Relationship
8	106	XAD		*		*	Next of Kin/Assoc. Party Address
9	40	XPN		*		*	Next of Kin/Assoc. Party Phone

* ZLR is a user-defined segment for laboratory-based reporting, thus there are no requirements or item numbers for reporting which have been defined in HL7 version 2.3.

Examples of ZLR segments:

ZLR|115 Pike Plaza^Suite 2100^Seattle^WA^98122|Northwest Surgical Associates, Ltd.^^57Y0470381^^^CLIA|2217 Rainier Way^^Renton^WA^98002|^^^helpline@surgassoc.com ^^206^5549097^^press "1" to speak with front desk, press "2" for scheduling|^63^Y| Doe^Jane|spouse|2166 Wells Dr^Apt B^Seattle^WA^98109^^^^King|^^^^^206^6793240

ZLR-1 Ordering Provider's Address (XAD)

This field contains the relevant address information for the ordering provider described in OBR-16. The field has the HL7-defined data type Extended Address (XAD) which has the following components:

<street address (ST)> ^ < other designation (ST)> ^ <city (ST)> ^ <state or province (ST)> ^ <zip or postal code (ST)> ^ <country (ST)> ^ <type (ID)> ^ <other geographic designation (ST)> ^ <county/parish (ID)> ^ <census tract (ID)>

For example:

|115 Pike Plaza^Suite 2100^Seattle^WA^98122|

ZLR-2 Ordering Facility Name (XON)

Periodically, tests are ordered from facilities without specifying an ordering provider. For instance, an outpatient surgical facility may send biopsy tissue for pathologic examination without specifying the surgeon that actually performed the biopsy. In the case where no ordering provider is identified, knowledge of the ordering facility allows public health officials to follow-up on positive tests to obtain further clinical and epidemiologic information. Information on the ordering facility is most relevant to cancer registries. ZLR-2 has the HL7-defined data type Extended Organization Name (XON) which has the following components:

<organization name (ST)> ^ <organization name type code (ID)> ^ <ID number (ID)> ^ <check digit (NM)> ^ < check digit scheme (ID)> ^ <assigning authority (HD)> ^ <identifier type code (ID)> ^ <assigning facility (HD)>

The facility's CLIA identifier should be placed in the third component <ID number (ID)> if there is one available, and "CLIA" should appear in <assigning authority (HD)> indicating that the ID number used here to identify the laboratory has been assigned by CLIA. For example:

|Northwest Surgical Associates, Ltd.^^57Y0470381^^^CLIA|

ZLR-3 Ordering Facility Address (XAD)

This field further describes the laboratory identified in ZLR-2 above. The field is the HL7-defined data type XAD as described in ZLR-1. For example:

|2217 Rainier Way^^Renton^WA^98002|

ZLR-4 Ordering Facility Phone Number (XTN)

This field further describes the laboratory identified in ZLR-1 above. The field is the HL7-defined data type Extended Telephone Number (XTN) which has the following components:

[NNN] [(999)]999-9999 [X99999] [B99999] [C any text] ^ <telecommunication use code (ID)> ^ <telecommunication equipment type (ID)> ^ <E-mail address (ST)> ^ <country code (NM)> ^ <area/city code (NM)> ^ <phone number (NM)> ^ <extension (NM)> ^ <any text (ST)>

For example:

|^^^helpline@surgassoc.com^^206^5549097^^press “1" to speak with front desk, press “2" for scheduling|

ZLR-5 Patient’s Age (SN)

This field contains the patient’s age when no date of birth is known. It is not necessary to provide this information when PID-7 (Date of Birth) is populated. The field has the HL7-defined data type of the structured numeric (SN):

<comparator (ST)> ^ <num1(NM)> ^ <separator or suffix (ST)> ^ <num2 (NM)>

For example, a report for a 63 year-old patient would have:

|^63^Y|

Acceptable suffixes are the following:

Table Z0001 - Age Suffix

Value	Description
Y	Years
M	Months
D	Days
H	Hours

If no suffix is provided, then the age is presumed to be years.

ZLR-6 Next of Kin or Associated Party Name (XPN)

This field is analogous to NK1-2 (Name) which is described in the HL7 2.3 standard document. The field contains the name of the next of kin or associated party. This field may be used to describe the Guardian or Employer of the patient for blood lead reporting messages. Multiple names for the same person are allowed, but the legal name must be sent in the first sequence. If the legal name is not sent, then the repeat delimiter must be sent in the first sequence. The

field has the HL7-defined data type of the extended person name (XPN):

<family name (ST)> ^ <given name (ST)> ^ <middle initial or name (ST)> ^ <suffix (e.g., JR or III) (ST)> ^ <prefix (e.g., DR) (ST)> ^ <degree (e.g., MD) (ST)> ^ <name type code (ID)>

For example:

|Doe^Jane|

ZLR-7 Next of Kin or Associated Party Relationship (CE)

This field is analogous to NK1-3 (Relationship) which is described in the HL7 2.3 standard document. The field contains the actual personal relationship that the next of kin/associated parties has to the patient. The user-defined table *0063 - Relationship* is used for appropriate values. The field has the HL7-defined data type of the coded element (CE):

<identifier (ST)> ^ <text (ST)> ^ <name of coding system (ST)> ^ <alternate identifier (ST)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)>

Table 0063 - Relationship

Value	Description
Parent	Parent
Mother	Mother
Father	Father
Grand-Parent	Grand-Parent
Grand-Mother	Grand-Mother
Grand-Father	Grand-Father
Sibling	Sibling
Sister	Sister
Brother	Brother
Child	Child
Daughter	Daughter
Son	Son
Spouse	Spouse
Wife	Wife
Husband	Husband
Employer	Employer
Friend	Friend
Emergency Contact	Emergency Contact

For example:

|spouse|

ZLR-8 Next of Kin or Associated Party Address (XAD)

This field is analogous to NK1-4 (Address) which is described in the HL7 2.3 standard document. The field contains the address of the next of kin/associated party identified in ZLR-3 above. This field may be used to provide the address of the Guardian or Employer of the patient for lead reporting messages. Multiple addresses are allowed for the same person. The primary mailing address must be sent in the first sequence. If the mailing address is not sent, then the repeat delimiter must be sent in the first sequence. The field has the HL7-defined data type of XAD as described in ZLR-3 above. For example:

|2166 Wells Dr^Apt B^Seattle^WA^98109^^^^King|

ZLR-9 Next of Kin or Associated Party Phone Number (XTN)

This field provides the phone number for the Next of Kin or Associated Party described in ZLR-6. It is analogous to NK1-5. The field has the HL7-defined data type of the XTN as described in ZLR-4. For example:

|^^^^^206^6793240|

4.2.5 OBX Segment - Observation/Result

The OBX segment is used to transmit a single observation or observation fragment. It represents the smallest indivisible unit of a report. The principal mission of the segment is to carry information about observations in report messages. Whereas OBR gives general information about the order of the test, the OBX segment gives the specific, individual tests performed (OBX-3) and the specific results for each test (OBX-5). **Laboratory-based reporting to public health agencies focuses on OBX-3 and OBX-5 as the most informative elements of the message and thus, full effort should be made to make OBX-3 and OBX-5 as informative and unambiguous as possible.**

OBX Attributes

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM#	ELEMENT NAME
1	10	SI	O			00569	Set ID - OBX
2	2	ID	C		0125	00570	Value Type
3	590	CE	R		LOINC*	00571	Observation Identifier
4	20	ST	C			00572	Observation Sub-ID
5	65536	**	C	Y	SNOMED*	00573	Observation Value
6	60	CE	O			00574	Units
7	10	ST	O	Y/5		00575	References Range
8	5	ID	O		0078	00576	Abnormal Flags
9	5	NM	O	Y		00577	Probability
10	2	ID	O		0080	00578	Nature of Abnormal Test
11	1	ID	R		0085	00579	Observ Result Status
12	26	TS	O			00580	Date Last Obs Normal Values
13	20	ST	O			00581	User Defined Access Checks
14	26	TS	O			00582	Date/Time of the Observation
15	60	CE	O			00583	Producer's ID
16	80	XCN	O			00584	Responsible Observer
17	60	CE	O	Y		00936	Observation Method

* For laboratory-based reporting, LOINC is strongly recommended for OBX-3, and SNOMED is strongly recommended for OBX-5 when CE data types are used. **The data type for OBX-5 can vary and is determined by OBX-2.

Example Segments for OBX:

For Hepatitis A Virus reporting:

OBX|3|CE|5182-1^Hepatitis A Virus IgM Serum Antibody EIA^LN||G-A200^Positive^SNM||||||F|||199603241500|45D0480381

For antimicrobial susceptibility testing:

OBX|1|SN|524-9^Vancomycin Susceptibility MIC^LN|
|<^1|^µg/mL^ISO+||S|||F|||199602161300|01D0301145

For Blood Lead reporting:

OBX|2|SN|10368-9^Quantitative Blood Lead ^LN||^45|µg/dL|||||F|||199601210800|45D0480381

OBX-1 Set ID - Observation Simple (SI)

This field contains the sequence number as described for OBR-1. There may be many OBX's per OBR. The set ID allows the receiver to maintain the relational aspects of the message. For example: |1|

OBX-2 Value Type (ID)

This field contains the data type of the observation value reported in OBX-5. For instance, if the value in OBX-2 is "CE", then the result reported in OBX-5 must be a coded element. When the value type is TX or FT then the results are bulk text. The choices allowed for the value type of an observation are listed below in*HL7 Table 0125 - Value type*.

Table 0125 - Value type

Value	Description
AD	Address
CE	Coded Entry
CF	Coded Element With Formatted Values
CK	Composite ID With Check Digit
CN	Composite ID And Name
CP	Composite Price
CX	Extended Composite ID With Check Digit
DT	Date
ED	Encapsulated Data
FT	Formatted Text (Display)
MO	Money
NM	Numeric
PN	Person Name
RP	Reference Pointer
SN	Structured Numeric
ST	String Data.
TM	Time
TN	Telephone Number
TS	Time Stamp (Date & Time)
TX	Text Data (Display)
XAD	Extended Address
XCN	Extended Composite Name And Number For Persons
XON	Extended Composite Name And Number For Organizations
XPN	Extended Person Number
XTN	Extended Telecommunications Number

Although NM is a valid type, observations which are usually reported as numbers will sometimes have the string (ST) data type because non-numeric characters are often reported as part of the result, e.g., "<0.06" to indicate the result was lower than detected by the present mechanism. In the example, "<0.06", "<" is a text symbol and the digit, "0.06" is considered a numeric value. However, this usage of the ST type should be discouraged since the SN (structured numeric) data type now accommodates such reporting. The SN data type is described under OBX-5 below. For example, the value type for structured numeric would be:

|SN|

All valid HL7 data types for use in OBX-2 are listed in the table above. TX should not be used

except to send large amounts of text. ST should be used to send short, and possibly encodable, text strings. For laboratory-based reporting, the CE and SN data types should be used whenever possible so that results can be interpreted easily.

Cancer Reporting Comment: Pathology reporting will require use of the TX, ST, and FT if the OBX segment contains all lab report text of a particular category.

OBX-3 Observation Identifier (CE)

This field contains a unique identifier for the observation. For reporting of laboratory results, OBX-3 is the specific test that has been performed. The format is that of the coded element (CE) which has the following structure:

<identifier (ST)> ^ <text (ST)> ^ <name of coding system (ST)> ^ <alternate identifier (ST)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)>

Because OBX-3 is designated as a coded element, different coding schemes can be used to describe the test or observation in OBX-3. The description in OBX-3 essentially "points" to a master observation table that may provide other attributes of the observation to be used by the receiving system to process the message.

For laboratory-based reporting, it is necessary that OBX-3 have a code for the observation which can be easily interpreted by the public health application receiving the message. **For this reason, the laboratory-based reporting message strongly recommends that LOINC be used as the coding system in OBX-3 for reporting tests that identify cases of illness which are reportable to public health agencies.** This decision was made to minimize any ambiguity in reporting test results. Thus, whenever possible, OBX-3 should be used as the informative element of the ORU; the focal point of the report. In other words, it is strongly recommended that OBX-3 be populated with as specific a LOINC code as possible to prevent any misinterpretation of reported results. LOINC codes are not recommended for pathology reports for cancer registries.

LOINC (Logical Observation Identifier Names and Codes) is a collection of tables which provide sets of universal names and ID codes for identifying laboratory and clinical test results. The LOINC codes are not intended to transmit all possible information about a test. They are only intended to *identify* the test result. The level of detail in the LOINC definitions was intended to distinguish tests that are usually distinguished as separate test results within the master file of existing laboratory systems. For laboratory-based reporting of public health information, a subset of LOINC codes have been selected and will be made available at the CDC web site. General information about LOINC codes can be found at: http://www.mcis.duke.edu/standards/termcode/loinc.htm.

Some reports currently can not be described with OBX-3 alone, for instance, the initial identification of an organism may have an OBX-3 which is general, such as "Microbial Culture". In this setting, OBX-5 would identify the specific organism which has triggered a report to be sent to a public health agency such as "*Neisseria meningitidis*". Another example would be reporting of antimicrobial sensitivity results where it is necessary to use OBR-26 (Parent Result) which identifies the organism on which testing was performed. However, it is still strongly recommended to use LOINC codes for OBX-3 even if the chosen term is not organism-specific.

An example for a Hepatitis A Virus result is:

|5182-1^Hepatitis A Virus IgM Serum Antibody EIA^LN|

where <5182-1> is the identifier from the LOINC table for the Enzyme Immunoassay for Hepatitis A Virus IgM antibody, <Hepatitis A Virus IgM Serum Antibody EIA> is the text name as it appears in the table, and <LN> is the name of the coding system. Any further description of the testing may appear in *OBX-17 Observation method* but is not required.

For antimicrobial susceptibility testing, the antimicrobial test for which MIC's have been performed may appear as:

|524-9^Vancomycin Susceptibility MIC^LN|

where <524-9> is the identifier from the LOINC table for the vancomycin MIC test, <Vancomycin Susceptibility MIC> is the text name as it appears in the table, and <LN> IS the name of the coding system. Identification of the method as broth dilution may appear in *OBX-17 Observation method* using CDC method codes described below but is not required.

An example for reporting a lead level from a capillary blood specimen:

|10368-9^Quantitative Blood Lead^LN|

For reporting an isolate of *Neisseria meningitidis*, OBX-3 would have the test which yielded the isolate. The result of the culture (i.e., the growth of *Neisseria meningitidis*) would be reported in OBX-5 below. OBX-3 would appear as:

|600-7^Microorganism identified, Blood Culture^LN|

Cancer Reporting Comments: A locally defined coding scheme representing the pathology report. Described in below table to represent classification of a local text coding scheme.

Table C0001 - NAACCR Text Classification Grouping

Value	Description
CH	Clinical History
NS	Nature of Specimen
GP	Gross Pathology
MP	Microscopic pathology
FD	Final diagnosis
CM	Comment section
SR	Supplemental Reports/addendum
PR	Staging parameters
GN	General lab report, used if report text is stored in such a way that it may not be broken down into above categories.

For example: |CH^Clinical History^L|

OBX-4 Observation Sub ID (ST)

This field is used to distinguish between multiple OBX segments with the same observation ID organized under one OBR. Thus, the Sub-ID allows related OBX segments to be linked. For example a blood culture may have three different organisms growing. By putting a "1" in the Sub-ID of the first of these OBX segments, "2" in the second, and "3" in the third, each OBX segment can be uniquely identified for editing or replacement. It is strongly recommended that numeric values be used for laboratory-based reporting so that receiving applications can maintain easily the relational quality of the data. For example: |1|

OBX-5 Observation Value (*Data type varies)

The results of the test appear here. **For laboratory-based reporting, SNOMED is strongly recommended for OBX-5 whenever the CE data type is indicated in OBX-2.** Thus, if CE appears in OBX-2, it is assumed that the result in OBX-5 is a SNOMED code. For numeric results, the SN data type is preferred for OBX-2, and thus, SNOMED is not required. For instance, OBX-5 may have the SNOMED code for "positive" or the SNOMED-specific names of organisms identified in the tests described in OBX-3. It is strongly recommended that SNOMED be used for the modifiers "positive", "negative", and "indeterminate". Other modifiers should be avoided such as "limited findings", "insufficient specimen", "patient not at bedside", or "see technician". Pathology reports for cancer registries will be TX or ST. Further information on SNOMED can be found at the HL7 Health Informatics Internet site on the World Wide Web (http://www.mcis.duke.edu/standards/termcode/snomed.htm).

For example, when a Hepatitis A Virus IgM antibody has been identified in a reference laboratory, a report for a public health agency is triggered. The OBX-3 would contain the code for the Hepatitis A IgM test and OBX-5 would indicate that the test was positive. The OBX segment would appear as:

```
OBX|1|CE|5182-1^Hepatitis A Virus IgM Serum Antibody EIA^LN
||G-A200^Positive^SNM|...
```

where OBX-3 uses a LOINC code and OBX-5 uses a SNOMED code. For antimicrobial susceptibility testing, the OBX segment would appear as:

```
OBX|1|SN|7059-9^Vancomycin Susceptibility, Gradient Strip^LN||<^1|...
```

where OBX-3 uses a LOINC code and OBX-5 has a numeric value. The value type listed in OBX-2 determines the structure of the reported result here (i.e., SN) and thus, SNOMED is not recommended in this second example. The SN data type has the following structure:

<comparator> ^ <num1(NM)> ^ <separator or suffix> ^ <num2 (NM)>

Some examples of the SN representation are:

|>^100|	greater than 100
|^100^-^200|	equal to range of 100 through 200
|^1^:^228|	ratio of 1 to 128 (e.g., the results of a serological test)
|^2^+|	categorical response (e.g., an interpretation of occult blood positivity)

For results of a culture which yielded*Neisseria meningitidis*, OBX-2 would be listed as a coded element (CE) and OBX-5 would appear as:

|L-22202^Neisseria meningitidis^SNM|

It is strongly recommended that the data types CE and SN be used whenever possible to minimize ambiguity in reporting.

Cancer Reporting Comments: This is the field which will contain the text or SNOMED codes for the following NAACCR version 5.0 item numbers, 2860,2520,2580,2570,2680,2600.

OBX-6 Units (CE)

The units describing the results of the test appear here. For instance, <mm> or <µg/mL> would be placed here. A table of the appropriate units is provided in the appendix. The HL7-defined, default coding system for units is based on an enhanced international standard (ISO+) which is described at length in the HL7 2.3 standard document. For example:

|µg/mL^microgram/milliliter^ISO+|

OBX-7 Reference Range (ST)

This field is designated as ST for string, and thus, there is no current standardized scheme for describing a reference range. HL7 recommends that reference ranges for numeric values be reported in the format:

lower limit-upper limit	when both lower and upper limits are defined, e.g., for potassium "3.5 - 4.5"
> lower limit	if no upper limit, e.g., ">10"
< upper limit	if no lower limit, e.g., "<15"

For alphabetical values, the normal value may be reported in OBX-7 as well. For instance, the normal result for an assay may be “pink”.

OBX-8 Abnormal Flags (A)

Microbiology sensitivity interpretations should appear as listed in HL7 table 0078. Abnormal flags should be used for reporting microbiology sensitivity data.

Table 0078 Abnormal flags

Value	Description
L	Below low normal
H	Above high normal
LL	Below lower panic limits
HH	Above upper panic limits
<	Below absolute low-off instrument scale
>	Above absolute high-off instrument scale
N	Normal (applies to non-numeric results)
A	Abnormal (applies to non-numeric results)
AA	Very abnormal (applies to non-numeric units, analogous to panic limits for numeric units)
null	No range defined, or normal ranges don't apply
U	Significant change up
D	Significant change down
B	Better--use when direction not relevant
W	Worse--use when direction not relevant
For microbiology sensitivities only:	
S	Sensitive
R	Resistant
I	Intermediate
MS	Moderately sensitive
VS	Very sensitive

Abnormal flags for antimicrobial sensitivity reporting should conform to the recommendations of the National Committee for Clinical Laboratory Standards (NCCLS , http://www.nccls.org). For most reported findings, the allowable values are S, I, or R, and should be provided in addition to the numeric value in OBX-5.

OBX-9 Probability (NM)

Field is optional and may be left blank.

OBX-10 Nature of Abnormal Test (ID)

Field is optional and may be left blank.

OBX-11 Observation Result Status (ID)

This field is required field.

Table 0085 - Observation Result Status Codes Interpretation

Value	Description
C	Record coming over is a correction and thus replaces a final result
D	Deletes the OBX record
F	Final results; Can only be changed with a corrected result.
I	Specimen in lab; results pending
P	Preliminary results
R	Results entered -- not verified
S	Partial results
X	Results cannot be obtained for this observation
U	Results status change to Final. without retransmitting results already sent as 'preliminary.' E.g., radiology changes status from preliminary to final
W	Post original as wrong, e.g., transmitted for wrong patient

For example: |F|

Cancer Reporting Comment: Corresponds to NAACCR version 5.0 item number 2830

OBX-12 Date Last Observation Normal Values (TS)

Field is optional and may be left blank.

OBX-13 User Defined Access Checks (ST)

Field is optional and may be left blank.

OBX-14 Date/Time of the Observation (TS)

This field is required in two circumstances. The first is when the observations (OBX's) reported beneath one report header (OBR) have different dates, for instance when one measurement within a battery may have a different time/date than another measurement. The field follows the HL7-defined timestamp (TS).

|199602161300|

OBX-15 Producer's ID (CE)

This field contains a unique identifier of the responsible producing service. It should be reported for all messages that are reported to public health agencies. For most reports, the CLIA identifier here will be identical to the CLIA identifier listed as the assigning facility in PID-3 (Patient ID, Internal). When the test results are produced at outside laboratories, the CLIA identifier for the laboratory that performed the test should appear here and will be different from the CLIA identifier listed as the assigning facility in PID-3. The CE data type has been described previously. For example:

|01D0301145^MediLabCo^CLIA|

or

|01D0301145|

OBX-16 Responsible Observer (XCN)

Field is optional and may be left blank.

OBX-17 Observation Method (CE)

This field is used to transmit the method or procedure by which an observation was obtained when the sending system wishes to distinguish among one measurement obtained by different methods and the distinction is not implicit in the test ID. The Centers for Disease Control and Prevention (CDC) Method Code (CDCM) can be used in OBX-17 to further describe tests identified in OBX-3. These codes can be obtained from Public Health Practice Office, Centers for Disease Control and Prevention, 4770 Buford Highway, Atlanta, GA, 30421, or via FTP at:

ftp.cdc.gov/pub/laboratory_info/CLIA

or via Gopher at:

gopher.cdc.gov:70/11/laboratory_info/CLIA

Cancer Reporting Comment: NAACCR currently specifies the use of a locally-defined classification for additional information to indicate how a particular observation has been confirmed.

Table C0002 - NAACCR Additional information on Observation method

Value	Description
1	Positive Histology: *Indicated when sample is: tissue specimen from biopsy, frozen section, surgery, autopsy, dilation and curettage, or bone marrow biopsy/aspiration. Also includes hematologic confirmation of leukemia (that is, a peripheral blood smear).*
2	Positive exfoliative cytology, no positive histology: *indicated by: microscopic examination of cells removed from a neoplasm. Fine-needle aspiration is frequently used to obtain a cytologic specimen. Cells may be recovered from exudate, secretions, or washings from tissue, and includes cervical and vaginal smears. Also includes paraffin-block specimens from concentrated spinal, pleural, or peritoneal fluid.*
3	Bone Marrow
4	Positive microscopic confirmation, method not specified : Indicated when: the case is reported as microscopically confirmed, but the specific method (histology, cytology) is unknown.
5	Positive laboratory test/marker study *Indicated by: diagnosis of cancer based on certain laboratory tests or marker studies that are clinically diagnostic (for instance, an abnormal electrophoretic spike for multiple myeloma or Waldenstrom's macroglobulinemia.)*
6	Direct visualization without microscopic confirmation *Indicated when: diagnosis made at surgical exploration or by endoscopy (colposcope, mediastinoscope, laparoscope). Also includes autopsies where the only information is from a gross autopsy report.*
7	Radiology and other imaging techniques without microscopic confirmation *Indicated when: diagnosis is by radiology, ultrasound, computerized tomography, or MRI.*
8	Clinical diagnosis only (other than items 5, 6, and 7) *Indicated when: case has been diagnosed by clinical methods not mentioned previously.*

For example: |2^Fine Needle Aspiration^L|

5.0 HL7 Batch Protocol

There are instances when it is convenient to transfer a batch of HL7 messages for reporting to public health agencies. Such a batch could be sent online using a common file transfer protocol, or offline via tape or diskette.

5.1 HL7 Batch File Structure

The structure of an HL7 batch file is given by the following (using the HL7 abstract message syntax defined in 4.1 above):

```
[FHS]                                   File Header Segment
    {
        [BHS]                           Batch Header Segment
            {
                [MSH, PID, OBR,etc.     Zero or more HL7 messages
                ]
            }
```

[BTS]	Batch Trailer Segment
}	
[FTS]	File Trailer Segment

The sequence numbering protocol has a natural application in batch transfers. See the discussion of batch acknowledgments that follows. A batch for reporting to public health agencies will consist of a single type of message (i.e., ORU). Batches should usually contain at least one HL7 message. There are only two cases in which an HL7 batch file may contain zero HL7 messages:

a) a batch containing zero HL7 messages may be sent to meet a requirement for periodic submission of batches when there are no messages to send,

b) a batch containing zero negative acknowledgment messages may be sent to indicate that all the HL7 messages contained in the batch being acknowledged are implicitly acknowledged. See “Related Segments and Data Usage” below.

5.1.1 Related Segments and Data Usage

The following segments relate to the HL7 Batch Protocol: 1) BHS - Batch Header, 2) BTS - Batch Trailer, 3) FHS - File Header, and 4) FTS - File Trailer. The BTS segment contains a field, *BTS-3-batch totals*, which may have one or more totals drawn from fields within the individual messages. The method for computing such totals resides with the sending facility.

5.1.2 Acknowledging Batches

In general, the utility of sending batches of data is that the data is accepted all at once, with errors processed on an exception basis. However, it is a permissible application of HL7 to acknowledge all messages. Several options for acknowledgment are given in the HL7 2.3 standard document and are not addressed here.

5.2 Batch Segments

5.2.1 BHS Segment - Batch Header

The BHS segment is defined by HL7 2.3 and identifies the start of a batch. The fields in BHS are in the following table:

BHS Attributes

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM #	ELEMENT NAME
1	1	ST	R			00081	Batch Field Separator
2	3	ST	R			00082	Batch Encoding Characters
3	15	ST	O			00083	Batch Sending Application
4	20	ST	O			00084	Batch Sending Facility
5	15	ST	O			00085	Batch Receiving Application
6	20	ST	O			00086	Batch Receiving Facility
7	26	TS	O			00087	Batch Creation Date/Time
8	40	ST	O			00088	Batch Security
9	20	ST	O			00089	Batch Name/ID/Type
10	80	ST	O			00090	Batch Comment
11	20	ST	O			00091	Batch Control ID
12	20	ST	O			00092	Reference Batch Control ID

Example Segment of BHS:

BHS|^~\&||45D0470381|NPHSS|WA-DOH|19961104

BHS-1 Batch Field Separator (ST)

This field contains the separator between the segment ID and the first real field, *BHS-2-batch encoding characters*. The field is analogous to MSH-1 described previously. Required value for laboratory-based reporting is "|", (ASCII 124).

BHS-2 Batch Encoding Characters (ST)

This field is analogous to MSH-2 and should contain the same characters: |^~\&|

BHS-3 Batch Sending Application (ST)

Field is optional and may be left blank.

BHS-4 Batch Sending Facility (ST)

Field is analogous to MSH-4 and should contain the same CLIA identification number. For example: |45D0470381|

BHS-5 Batch Receiving Application (ST)

Field is analogous to MSH-5: |NPHSS|

BHS-6 Batch Receiving Facility (ST)

Field is optional but may contain the public health agency receiving the batch. For example: |WADOH|

BHS-7 Batch Creation Date/Time (TS)

This field contains the date/time that the sending system created the message. Field is optional and may be left blank.

BHS-8 Batch Security (ST)

Field is optional and may be left blank.

BHS-9 Batch Comment (ST)

Field is optional and may be left blank.

BHS-10 Batch Control ID (ST)

Field is optional and may be left blank.

BHS-11 Reference Batch Control ID (ST)

Field is optional and may be left blank.

5.2.2 BTS Segment - Batch Trailer

The BTS Segment defines the end of a batch.

BTS Attributes

SEQ	LEN	DT	OPT	RP/#	TBL #	ITEM #	ELEMENT NAME
1	10	ST	O			00093	Batch Message Count
2	80	ST	O			00090	Batch Comment
3	100	NM	O	Y		00095	Batch Totals

Example Segment of BTS:

BTS|62

BTS-1 Batch Message Count (ST)

This field contains the count of the individual messages contained within the batch. The count should reflect then number of MSH segments within the batch.

BTS-2 Batch Comment (ST)

Field is optional and may be left blank.

BTS-3 Batch Totals (NM)

Field is optional and may be left blank.

5.3 File Segments for Batch Reporting

5.3.1 FHS Segment - File Header

The FHS segment is used to head a file (group of batches). Ideally, a single sending facility, for instance a regional laboratory for a hospital consortium, could send a group of batches of reportable findings from separate laboratories within the consortium. In this setting, each separate BHS would have a different CLIA identifier. The FHS would have a different CLIA number as well, or would have the same CLIA number as the one batch that was performed at the sending facility. This complexity of message processing is not common yet, either at

laboratories or public health agencies. The description of batch reporting in this guide demonstrates reporting from a single facility and thus the CLIA number is the same for MSH, BHS, and FHS.

FHS Attributes

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM #	ELEMENT NAME
1	1	ST	R			00067	File Field Separator
2	4	ST	R			00068	File Encoding Characters
3	15	ST	O			00069	File Sending Application
4	20	ST	O			00070	File Sending Facility
5	15	ST	O			00071	File Receiving Application
6	20	ST	O			00072	File Receiving Facility
7	26	TS	O			00073	File Creation Date/Time
8	40	ST	O			00074	File Security
9	20	ST	O			00075	File Name/ID
10	80	ST	O			00076	File Header Comment
11	20	ST	O			00077	File Control ID
12	20	ST	O			00078	Reference File Control ID

Example Segment of FHS:

FHS|^~\&||45D0470381|NPHSS|WA-DOH|19961104

FHS-1 File Field Separator (ST)

This field has the same definition as the corresponding field in MSH-1 segment: '|'

FHS-2 File Encoding Characters (ST)

This field has the same definition as the corresponding field in the MSH-2: |^~\&|

FHS-3 File Sending Application (ST)

Field is optional and may be left blank.

FHS-4 File Sending Facility (ST)

This field should contain the CLIA identifier for the sending facility, analogous to BHS-4 and MSH-4

FHS-5 File Receiving Application (ST)

This field has the same definition as the corresponding field in MSH-5: |NPHSS|

FHS-6 File Receiving Facility (ST)

This field may contain an identifier for the public health agency. For example: |WADOH|

FHS-7 File Creation Date/Time (TS)

Field is optional and may be left blank.

FHS-8 File Security (ST)

Field is optional and may be left blank.

FHS-9 File Name ID (ST)

Field is optional and may be left blank.

FHS-10 File Header Comment (ST)

Field is optional and may be left blank.

FHS-11 File Control ID (ST)

Field is optional and may be left blank.

FHS-12 Reference File Control (ST)

Field is optional and may be left blank.

5.3.2 FTS Segment - File Trailer

The FTS segment defines the end of a file (i.e., a group of batches).

FTS Attributes

SEQ	LEN	DT	OPT	RP/#	TBL#	ITEM #	ELEMENT NAME
1	10	NM	O			00079	File Batch Count
2	80	ST	O			00080	File Trailer Comment

Example Segment of FTS:

FTS|1

FTS-1 File Batch Count (NM)

This field contains the number of batches contained in this file. For laboratory-based reporting, it is expected that only one batch per file will be sent usually.

FTS-2 File Trailer Comment (ST)

Field is optional and may be left blank.

Appendix A

Example messages for laboratory-based reporting of findings of public health importance.

Example 1: Hepatitis A Virus

MSH|^~\&||MediLabCo-Seattle^45D0470381^CLIA|NPHSS|WA-DOH |199602171830||ORU^R01||P|2.3
PID||10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA |95101100001^^^
^^MediLabCo-Seattle&45D0470381&CLIA||Doe^John^Q^Jr|Clemmons|19641004|M||W|2166
Wells Dr^Apt B^Seattle^WA^98109^USA^^^King||^^^^^206^6793240|
||M|||423523049|DOEJ34556057^WA^19970801||N
OBR|||SER122145|78334^Hepatitis Panel, Measurement^L|||199603210830|||||||
|BLDV|^Welby^M^J^Jr^Dr^MD|^^^^^206^4884144|||||||F
ZLR|MediLabCo - Northwest Pathology Ltd., Central Campus^^45D0470381^^^CLIA|2217 Rainier
Way^^Renton^WA^98002|^^^helpline@medilab.com^^206^5549097|115 Pike Plaza^Suite
2100^Seattle^WA^98122|^63^Y|Doe^Jane|spouse|2166 Wells Dr^Apt
B^Seattle^WA^98109^^^^King|^^^^^206^6793240
OBX||CE|5182-1^Hepatitis A Virus, Serum Antibody EIA^LN||G-A200^Positive^SNM|
|||||F|||199603241500|45D0480381

Example 2: *Bordetella pertussis*

MSH|^~\&||MediLabCo-Seattle^45D0470381^CLIA|NPHSS|WA-DOH |199602171830||ORU^R01||P|2.3
PID||10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA |95101100001^^^
^^MediLabCo-Seattle&45D0470381&CLIA||Doe^John^Q^Jr|Clemmons|19641004|M||W|2166
Wells Dr^Apt B^Seattle^WA^98109^USA^^^King||^^^^^206^6793240|
||M|||423523049|DOEJ34556057^WA^19970801||N
OBR|||MICR9700342||||199611270930|||||||THRT^Throat|
^Welby^M^J^Jr^Dr^MD|^^^^^206^4884144|||||||F
ZLR|MediLabCo - Northwest Pathology Ltd., Central Campus^^45D0470381^^^CLIA|2217 Rainier
Way^^Renton^WA^98002|^^^helpline@medilab.com^^206^5549097|115 Pike Plaza^Suite
2100^Seattle^WA^98122|^63^Y|Doe^Jane|spouse|2166 Wells Dr^Apt
B^Seattle^WA^98109^^^^King|^^^^^206^6793240
OBX||CE|626-2^Microorganism identified, Throat Culture^LN||L-12801^Bordetella pertussis^SNM|
|||||F|||199602161330|45D0470381

Example 3: Lead

```
MSH|^~\&||MediLabCo-Seattle^45D0470381^CLIA|NPHSS|WA-DOH |199602171830||ORU^R01||P|2.3
PID||10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA |95101100001^^^
        ^^MediLabCo-Seattle&45D0470381&CLIA||Doe^Jared^Q^Jr|Clemmons||M||W|2166 Wells Dr^Apt
        B^Seattle^WA^98109^USA^^^King||^^^^^206^6793240|
        ||M|||423523049|DOEJ34556057^WA^19970801||N
OBR|||CHEM9700122||||199611270930|||||||BLDC^Blood capillary|
        ^Welby^M^J^Jr^Dr^MD|^^^^^206^4884144|||||||F
ZLR|MediLabCo - Northwest Pathology Ltd., Central Campus^^45D0470381^^^CLIA|2217 Rainier
        Way^^Renton^WA^98002|^^^helpline@medilab.com^^206^5549097|115 Pike Plaza^Suite
        2100^Seattle^WA^98122|^3^Y|Doe^Jane|mother|2166 Wells Dr^Apt
        B^Seattle^WA^98109^^^^King|^^^^^206^6793240
OBX||SN|10368-9^Quantitative Blood Lead^LN||^45|µg/dL|||||F|||199601210800|45D0480381
```

Example 4: Drug-Resistant *Streptococcus pneumoniae*

```
MSH|^~\&||MediLabCo-Seattle^45D0470381^CLIA|NPHSS|WA-DOH |199602171830||ORU^R01||P|2.3
PID||10543^^^^^Columbia Valley Memorial Hospital&01D0355944&CLIA |95101100001^^^
        ^^MediLabCo-Seattle&45D0470381&CLIA| |Doe^John^Q^Jr|Clemmons|19641004|M||W|2166
        Wells Dr^Apt B^Seattle^WA^98109^USA^^^King||^^^^^206^6793240|
        ||M|||423523049|DOEJ34556057^WA^19970801||N
OBR|||MB99012|06730^MIC susceptibility test^L|||199601301530|||||||BLDV^Blood venous
        |^Jones^Marcus^F^Jr^Dr^MD|^^^^^206^3231921|||||||F|600-7&Microorganism
        identified, Blood Culture&LN^^L-25116&Streptococcus pneumoniae&SNM
ZLR|MediLabCo - Northwest Pathology Ltd., Central Campus^^45D0470381^^^CLIA|2217 Rainier
        Way^^Renton^WA^98002|^^^helpline@medilab.com^^206^5549097|115 Pike Plaza^Suite
        2100^Seattle^WA^98122|^3^Y|Doe^Jane|mother|2166 Wells Dr^Apt
        B^Seattle^WA^98109^^^^King|^^^^^206^6793240
OBX|1|SN|524-9^Vancomycin Susceptibility, MIC^LN|
        |<^1|^µg/mL^ISO+||S|||F||199602161300|01D0301145
OBX|2|SN|384-8^Oxacillin Susceptibility, Agar Diffusion (Kirby Bauer)^LN|
        |^16|^mm^ISO+||R|||F||199602161300|01D0301145
OBX|3|SN|141-2^Ceftriaxone Susceptibility, MIC^LN|
        |^4|^µg/mL^ISO+||R|||F||199602161300|01D0301145
```

Appendix C - Table II
HL7- and User-Defined Tables

Type	Table	Table Name	Value	Description
User	0001	Sex		
	0001		F	Female
	0001		M	Male
	0001		O	Other
	0001		U	Unknown
User	0002	Marital Status		
	0002		A	Separated
	0002		D	Divorced
	0002		M	Married
	0002		S	Single
	0002		W	Widowed
User	0005	Race		
	0005		W	White
	0005		B	Black
	0005		A	Asian or Pacific Islander
	0005		I	American Indian or Alaskan Native
	0005		M	Multiracial
	0005		O	Other
	0005		U	Unknown
User	0006	Religion		
	0006			No suggested values
User	0063	Relationship		
	0063		Parent	Parent
	0063		Mother	Mother
	0063		Father	Father
	0063		Grand-Parent	Grand-Parent
	0063		Grand-Mother	Grand-Mother
	0063		Grand-Father	Grand-Father
	0063		Sibling	Sibling
	0063		Sister	Sister
	0063		Brother	Brother
	0063		Child	Child
	0063		Daughter	Daughter
	0063		Son	Son
	0063		Spouse	Spouse

	0063		Wife	Wife
	0063		Husband	Husband
	0063		Employer	Employer
	0063		Friend	Friend
	0063		Emergency Contact	Emergency Contact
HL7	0065	Specimen Action Code		
	0065		A	Add ordered tests to the existing specimen
	0065		G	Generated order; reflex order
	0065		L	Lab to obtain specimen from patient
	0065		O	Specimen obtained by service other than Lab
	0065		P	Pending specimen; Order sent prior to delivery
	0065		R	Revised order
	0065		S	Schedule the tests specified below
HL7	0070	Specimen Source Codes		
	0070		ABS	Abcess
	0070		AMN	Amniotic fluid
	0070		ASP	Aspirate
	0070		BPH	Basophils
	0070		BIFL	Bile fluid
	0070		BLDA	Blood arterial
	0070		BBL	Blood bag
	0070		BLDC	Blood capillary
	0070		BPU	Blood product unit
	0070		BLDV	Blood venous
	0070		BON	Bone
	0070		BRTH	Breath (use EXHLD)
	0070		BRO	Bronchial
	0070		BRN	Burn
	0070		CALC	Calculus (=Stone)
	0070		CDM	Cardiac muscle
	0070		CNL	Cannula
	0070		CTP	Catheter tip
	0070		CSF	Cerebral spinal fluid
	0070		CVM	Cervical mucus
	0070		CVX	Cervix
	0070		COL	Colostrum
	0070		CBLD	Cord blood
	0070		CNJT	Conjunctiva
	0070		CUR	Curettage
	0070		CYST	Cyst

	0070		DIAF	Dialysis fluid
	0070		DOSE	Dose med or substance
	0070		DRN	Drain
	0070		DUFL	Duodenal fluid
	0070		EAR	Ear
	0070		EARW	Ear wax (cerumen)
	0070		ELT	Electrode
	0070		ENDC	Endocardium
	0070		ENDM	Endometrium
	0070		EOS	Eosinophils
	0070		RBC	Erythrocytes
	0070		EYE	Eye
	0070		EXHLD	Exhaled gas (=breath)
	0070		FIB	Fibroblasts
	0070		FLT	Filter
	0070		FIST	Fistula
	0070		FLU	Body fluid, unsp
	0070		GAS	Gas
	0070		GAST	Gastric fluid/contents
	0070		GEN	Genital
	0070		GENC	Genital cervix
	0070		GENL	Genital lochia
	0070		GENV	Genital vaginal
	0070		HAR	Hair
	0070		IHG	Inhaled Gas
	0070		IT	Intubation tube
	0070		ISLT	Isolate
	0070		LAM	Lamella
	0070		WBC	Leukocytes
	0070		LN	Line
	0070		LNA	Line arterial
	0070		LNV	Line venous
	0070		LIQ	Liquid NOS
	0070		LYM	Lymphocytes
	0070		MAC	Macrophages
	0070		MAR	Marrow
	0070		MEC	Meconium
	0070		MBLD	Menstrual blood
	0070		MLK	Milk
	0070		MILK	Breast milk

	0070		NAIL	Nail
	0070		NOS	Nose (nasal passage)
	0070		ORH	Other
	0070		PAFL	Pancreatic fluid
	0070		PAT	Patient
	0070		PRT	Peritoneal fluid /ascites
	0070		PLC	Placenta
	0070		PLAS	Plasma
	0070		PLB	Plasma bag
	0070		PLR	Pleural fluid (thoracentesis fld)
	0070		PMN	Polymorphonuclear neutrophils
	0070		PPP	Patelet poor plasma
	0070		PRP	Platelet rich plasma
	0070		PUS	Pus
	0070		RT	Route of medicine
	0070		SAL	Saliva
	0070		SEM	Seminal fluid
	0070		SER	Serum
	0070		SKN	Skin
	0070		SKM	Skeletal muscle
	0070		SPRM	Spermatozoa
	0070		SPT	Sputum
	0070		SPTC	Sputum - coughed
	0070		SPTT	Sputum - tracheal aspirate
	0070		STON	Stone (use CALC)
	0070		STL	Stool = Fecal
	0070		SWT	Sweat
	0070		SNV	Synovial fluid (Joint fluid)
	0070		TEAR	Tears
	0070		THRT	Throat
	0070		THRB	Thrombocyte (platelet)
	0070		TISS	Tissue
	0070		TISG	Tissue gall bladder
	0070		TLGI	Tissue large intestine
	0070		TLNG	Tissue lung
	0070		TISPL	Tissue placenta
	0070		TSMI	Tissue small intestine
	0070		TISU	Tissue ulcer
	0070		TUB	Tube NOS
	0070		ULC	Ulcer

	0070		UMB	Umbilical blood
	0070		UMED	Unknown medicine
	0070		URTH	Urethra
	0070		UR	Urine
	0070		URC	Urine clean catch
	0070		URT	Urine catheter
	0070		URNS	Urine sediment
	0070		USUB	Unknown substance
	0070		VOM	Vomitus
	0070		BLD	Whole blood
	0070		BDY	Whole body
	0070		WAT	Water
	0070		WICK	Wick
	0070		WND	Wound
	0070		WNDA	Wound abscess
	0070		WNDE	Wound exudate
	0070		WNDD	Wound drainage
	0070		XXX	To be specified in another part of the message
HL7	0078	Abnormal Flags		
	0078		L	Below low normal
	0078		H	Above high normal
	0078		LL	Below lower panic limits
	0078		HH	Above upper panic limits
	0078		<	Below absolute low-off instrument scale
	0078		>	Above absolute high-off instrument scale
	0078		N	Normal (applies to non-numeric results)
	0078		A	Abnormal (applies to non-numeric results)
	0078		AA	Very abnormal (applies to non-numeric units, analogous to panic limits for numeric units)
	0078		null	No range defined, or normal ranges don't apply
	0078		U	Significant change up
	0078		D	Significant change down
	0078		B	Better--use when direction not relevant
	0078		W	Worse--use when direction not relevant
	0078		S	Sensitive (microbiology sensitivities only)
	0078		R	Resistant (microbiology sensitivities only)
	0078		I	Intermediate (microbiology sensitivities only)
	0078		MS	Moderately sensitive (microbiology sensitivities only)
	0078		VS	Very sensitive (microbiology sensitivities only)
HL7	0080	Nature of Abnormal Testing		
	0080		A	An age-based population

	0080		N	None - generic normal range
	0080		R	A race-based population
	0080		S	A sex-based population
HL7	0085	Observation Result Status Codes Interpretation		
	0085		C	Record coming over is a correction and thus replaces a final result
	0085		D	Deletes the OBX record
	0085		F	Final results; Can only be changed with a corrected result.
	0085		I	Specimen in lab; results pending
	0085		P	Preliminary results
	0085		R	Results entered -- not verified
	0085		S	Partial results
	0085		X	Results cannot be obtained for this observation
	0085		U	Results status change to Final. Results did not change (don't transmit test). E.g., radiology changes status from preliminary to final
	0085		W	Post original as wrong, e.g., transmitted for wrong patient
HL7	0123	Result Status		
	0123		O	Order received; specimen not yet received
	0123		I	No results available; specimen received, procedure incomplete
	0123		S	No results available; procedure scheduled, but not done
	0123		A	Some, but not all, results available
	0123		P	Preliminary: A verified early result is available, final results not yet obtained
	0123		C	Correction to results
	0123		R	Results stored; not yet verified
	0123		F	Final results; results stored and verified. Can only be changed with a corrected result.
	0123		X	No results available; Order canceled.
	0123		Y	No order on record for this test. (Used only on queries)
	0123		Z	No record of this patient. (Used only on queries)
HL7	0125	Value Type		
	0125		AD	Address
	0125		CE	Coded Entry
	0125		CF	Coded Element With Formatted Values
	0125		CK	Composite ID With Check Digit
	0125		CN	Composite ID And Name
	0125		CP	Composite Price
	0125		CX	Extended Composite ID With Check Digit
	0125		DT	Date
	0125		ED	Encapsulated Data
	0125		FT	Formatted Text (Display)
	0125		ID	Coded Value

	0125		MO	Money
	0125		NM	Numeric
	0125		PN	Person Name
	0125		RP	Reference Pointer
	0125		SN	Structured Numeric
	0125		ST	String Data
	0125		TM	Time
	0125		TN	Telephone Number
	0125		TS	Time Stamp (Date & Time)
	0125		TX	Text Data (Display)
	0125		XAD	Extended Address
	0125		XCN	Extended Composite Name And Number For Persons
	0125		XON	Extended Composite Name And Number For Organizations
	0125		XPN	Extended Person Number
	0125		XTN	Extended Telecommunications Number
HL7	0136	Yes/No Indicator		
	0136		Y	Yes
	0136		N	No
HL7	0163	Administrative Site		
	0163		BE	Bilateral Ears
	0163		OU	Bilateral Eyes
	0163		BN	Bilateral Nares
	0163		BU	Buttock
	0163		CT	Chest Tube
	0163		LA	Left Arm
	0163		LAC	Left Anterior Chest
	0163		LACF	Left Antecubital Fossa
	0163		LD	Left Deltoid
	0163		LE	Left Ear
	0163		LEJ	Left External Jugular
	0163		OS	Left Eye
	0163		LF	Left Foot
	0163		LG	Left Gluteus Medius
	0163		LH	Left Hand
	0163		LIJ	Left Internal Jugular
	0163		LLAQ	Left Lower Abd Quadrant
	0163		LLFA	Left Lower Forearm
	0163		LMFA	Left Mid Forearm
	0163		LN	Left Naris
	0163		LPC	Left Posterior Chest

	0163		LSC	Left Subclavian
	0163		LT	Left Thigh
	0163		LUA	Left Upper Arm
	0163		LUAQ	Left Upper Abd Quadrant
	0163		LUFA	Left Upper Forearm
	0163		LVG	Left Ventragluteal
	0163		LVL	Left Vastus Lateralis
	0163		NB	Nebulized
	0163		PA	Perianal
	0163		PERIN	Perineal
	0163		RA	Right Arm
	0163		RAC	Right Anterior Chest
	0163		RACF	Right Antecubital Fossa
	0163		RD	Right Deltoid
	0163		RE	Right Ear
	0163		REJ	Right External Jugular
	0163		OD	Right Eye
	0163		RF	Right Foot
	0163		RG	Right Gluteus Medius
	0163		RH	Right Hand
	0163		RIJ	Right Internal Jugular
	0163		RLAQ	Rt Lower Abd Quadrant
	0163		RLFA	Right Lower Forearm
	0163		RMFA	Right Mid Forearm
	0163		RN	Right Naris
	0163		RPC	Right Posterior Chest
	0163		RSC	Right Subclavian
	0163		RT	Right Thigh
	0163		RUA	Right Upper Arm
	0163		RUAQ	Right Upper Abd Quadrant
	0163		RUFA	Right Upper Forearm
	0163		RVL	Right Vastus Lateralis
	0163		RVG	Right Ventragluteal
User	0171	Citizenship		
	0171			No suggested values or use ISO 3166
User	0189	Ethnic Group		
	0189		H	Hispanic
	0189		N	Non-Hispanic
	0189		U	Unknown
User	0296	Language		

	0296			No suggested values or ISO 639
User	Z0001	Age Suffix		
	Z0001		Y	Years
	Z0001		M	Months
	Z0001		D	Days
	Z0001		H	Hours
User	C0001	NAACCR Text Classification Grouping		
	C0001		CH	Clinical History
	C0001		NS	Nature of Specimen
	C0001		GP	Gross Pathology
	C0001		MP	Microscopic Pathology
	C0001		FD	Final Diagnosis
	C0001		CM	Comment Section
	C0001		SR	Supplemental Reports / Addendum
	C0001		PR	Staging Parameters
	C0001		GN	General Laboratory Report (used if report of text is stored in such a way that it may not be broken down into above categories)
User	C0002	NAACCR Additional Information on Observation Method		
	C0002		1	Positive Histology: Indicated when sample is: tissue specimen from biopsy, frozen section, surgery, autopsy, dilation and curettage, or bone marrow biopsy/aspiration. Also includes hematologic confirmation of leukemia (that is, a peripheral blood smear).
	C0002		2	Positive exfoliative cytology, no positive histology: indicated by: microscopic examination of cells removed from a neoplasm. Fine-needle aspiration is frequently used to obtain a cytologic specimen. Cells may be recovered from exudate, secretions, or washings from tissue, and includes cervical and vaginal smears. Also includes paraffin-block specimens from concentrated spinal, pleural, or peritoneal fluid.
	C0002		3	Bone Marrow
	C0002		4	Positive microscopic confirmation, method not specified: Indicated when: the case is reported as microscopically confirmed, but the specific method (histology, cytology) is unknown.
	C0002		5	Positive laboratory test/marker study. Indicated by: diagnosis of cancer based on certain laboratory tests or marker studies that are clinically diagnostic (for instance, an abnormal electrophoretic spike for multiple myeloma or Waldenstrom's macroglobulinemia.)
	C0002		6	Direct visualization without microscopic confirmation Indicated when: diagnosis made at surgical exploration or by endoscopy (colposcope, mediastinoscope, laparoscope). Also includes autopsies where the only information is from a gross autopsy report.
	C0002		7	Radiology and other imaging techniques without microscopic confirmation. Indicated when: diagnosis is by radiology, ultrasound, computerized tomography, or MRI.
	C0002		8	Clinical diagnosis only (other than items 5, 6, and 7) Indicated when: case has been diagnosed by clinical methods not mentioned previously.

Appendix C

Table 1. Reporting Requirements for Nationally Notifiable Diseases and Conditions
Survey of State\Territorial Epidemiologists, May 1997
Draft Report, 10/97

	AK	AL	AZ	AR	CA	CO	CT	DC	DE	FL	GA	Guam	HI	ID	IL	IN	IA	KS	KY	LA	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ	NM	NYC	NYS	NC	ND	OH	OK	OR
APP	N	N	P	B	P	N	N			B	N	N	N	N		N	B	N	N		P		B	N	N	P	B		B	N	N	P	B	B		N	N	P	N	P
AIDS	P	B	P	B	P	P	B		B	B	P	B	P	B	P	P	B	B	B	B	B	P	P	P	B	B	B	B	B	B	B	B	B	B	B	P	B	P	B	B
Anthrax	B	B	P	B	P	B	B		B	B	B	N	B	B	B	B	B	P	B	P	B	P	P	B	B	B	B	B	B	B	B	P	B	B	B	P	B	B	B	P
Botulism	B	B	P	B	P	B	B		B	B	B	B	B	B	P	P	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	P
Brucellosis	B	B	B	B	P	B	B		B	B	B	N	B	B	B	B	B	P	B	P	N	P	P	B	B	B	B	B	B	B	B	L	B	B	B	P	N	B	B	P
Chancroid	N	B	P	B	P	B	B		B	B	B	B	B	B	N	P	N	P	B	B	B	P	B	B	B	B	B	B	N	B	N	L	B	B	B	P	N	B	N	P
Chlamydia	B	B	B	B	B	B	B		B	B	B	B	P	B	B	B	B	B	B	B	B	L	B	B	B	B	B	B	B	B	B	L	B	B	N	P	B	B	B	B
Cholera	B	B	P	B	P	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	L	B	B	B	B	B	B	B	B	B	L	B	B	B	P	B	B	B	B
Coccidioidomyc	N	N	B	N	P	N	N			N	N	N	B	N	N	N	N		N		N		N	P	N	N	N	B	N	B	B	N	B	N	N	N	N	N	N
Cryptosporidios	B	N	B	B	B	B	B		B	B	B	N	N	N	B	B	B	L	L	B	B	L	B	B	B	L	B	B	B	B	B	L	B	B	B	N	B	B	B	B
Diphtheria	B	B	P	B	B	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	B
En-CA sero	P	B	P	B	B		L		B	B	B	N	N	B	B	L	B	P	B	B	B	P	B	P	B		N	B	B		N	P	B		B	P	N	B	N	N
En-EE	P	B	P	B	B		L		B	B	B	N	N	B	B	L	B	P	B	B	B	P	B	P	B	B	N	B	B		N	P	B		B	P	B	B	N	N
En-SL	P	B	P	B	B	B	N		B	B	B	N	N	B	B	L	B	P	B	B	B	P	B	P	B	B	N	B	B		N	P	B		B	P	B	B	N	N
En-WE	P	B	P	B	B	B	N		B	B	B	N	N	B	B	L	B	P	B	B	B	P	B	P	B	B	N	B	B		N	P	B		B	P	B	B	N	N
Ecoli 0 P57:H7	L	B	B	B	B	B	B		B	B	B	N	N	B	B	N	B	L	B	B	B	L	B	B	B	B	B	B	B	B	B	L	B	B	B	B	B	B	B	B
Gonorrhea	B	B	B	B	B	B	B		B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	B	B	B	B	B	B
Hi invasive	N	B	B	B	P	B	B			B	B	N	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	B	P	N	B	B	B
Leprosy	B	B	P	B	P	B	B		B	B	N	B	B	B	P	L	B	P	B	B	N	P	B	P	B	L	N	B	B	B	B	L	B	B	B	P	N	B	N	P
HPS	N	N	P	B	P	B	N			B	B	N	N	B	N	N	N		B	B			N	B	B	N	B	B	N	P	B	N	B	B	B	N	B	B	N	N
HUS	N	B	N	B	P	B	P			B	B	N	N	N	P	N	B		N	B	P		P	P	B	P	B	B	N	P	B	P	B	B	B	N	B	B	B	P
A	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	B	B	P	B	B	B	B	B	B	B	L	B	B	B	P	B	B	B	B
B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	B	P	B	B	B	B
C	B	N	B	B	P	B	P		B	B	B	B	N	B	N	N	B	P	B	B	B		B	P	B	B	B	B	B	B	B	N	B	B	B	P	B	B	B	P
NANB	N	B	P	B	P	P	P		B	B	N	B	P	N	P	B	B	P	N	B	B	P	B	P	B	B	B	B	B	B	B	N	B	B	B	P	B	B	B	P
HIV-name, Ped	N	B	B	B	N	B	N			B	N	B	N	B	N	N	N		N	N	N		N	P	B	B	B	N	B	B	N	B	N	N	N	P	B	L	B	P
HIV-name, Peri	N	B	B	B	N	B	B			B	N	B	N	B	N	B	N		N	N	N		N	P	B	B	B	N	B	B	N	B	N	N	N	P	B	L	B	P
HIV-ID, Ped	N	N	N		N	N	N			N	N	N	N	N	B	N	B	B	B	B	N	L	N	N	N	N	B	B	N	N	B	N	N	N	N	N	N	N	N	N
HIV-ID, Peri	N	N	N		N	N	N			N	N	N	N	N	B	B	B	B	B	B	N	L	N	N	N	N	B	N	N	N	B	N	N	N	N	N	N	N	N	N

Appendix C

Table 1. Reporting Requirements for Nationally Notifiable Diseases and Conditions

P=Provider reportable only
L=Laboratory reportable only
B=Both provider and lab rpt
N=Neither provider nor lab rpt

Survey of State\Territorial Epidemiologists, May 1997

Draft Report, 10/97

	AK	AL	AZ	AR	CA	CO	CT	DC	DE	FL	GA	Guam	HI	ID	IL	IN	IA	KS	KY	LA	ME	MD	MA	MI	MN	MS	MO	MT	NE	NV	NH	NJ	NM	NYC	NYS	NC	ND	OH	OK	OR
Legionellosis	B	B	B	B	P	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	N
Lyme	P	B	P	B	P	B	P		B	B	B	N	P	B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	P	B	B	B	P
Malaria	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	L	B	B	B	P	B	B	B	B
Measles	B	B	P	B	B	B	B		B	B	B	B	P	B	P	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	B
Meningococ	L	B	P	B	P	B	B		B	B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	P	N	B	B	B
Mumps	B	B	P	B	P	B	B		B	B	B	B	P	B	P	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	N	B	B	P	B	B	B	N
Pertussis	B	B	B	B	P	B	B		B	B	B	B	B	B	P	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	P
Plague	B	N	P	B	B	B	B		B	B	N	B	B	B	B	B	N	P	B	B	B	P	L	B	B	B	B	B	B	B	B	L	B	B	P	B	B	B	P
Polio	B	B	P	B	P	B	B		B	B	B	B	B	B	P	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	P
Psittacosis	B	B	P	B	P	B	N		B	B	B	N	P	B	B	B	B	P	B	N	B	P	P	P	B	B	B	B	B	B	B	L	B	B	P	N	B	N	P
Animal Rab	L	B	N	B	B	B	B		B	B	B	B	L	N	L	N	B	P	N	B	L	P	L	N	B	B	B	B	B	B	B	N	B	B	P	B	B	B	P
Human Rab	B	B	P	B	B	B	B		B	B	B	B	B	B	P	B	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	P
RMSF	N	B	P	B	P	B	B		B	B	B	N	P	B	B	B	B	P	B	B	N	B	B	P	B	B	B	B	B	B	B	L	B	B	P	B	B	B	P
Rubella	B	B	P	B	P	B	B		B	B	B	B	P	B	P	P	B	P	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	P	B	B	B	B
CRS	P	B	P	B	P	B	B		B	B	B	N	P	B	P	P	B	P	B	B	B	P	P	B	B	B	N	B	B	B	B	P	B	B	P	B	B	B	P
Salmonella	B	B	P	B	B	B	B		B	B	B	B	B	B	B	B	B	P	L	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	P	B	B	B	B
Shigella	B	B	P	B	P	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	P	B	B	B	B
Silicosis	N	N	N	B	P	N	P			N		N	N	N		B	B		P	N	P		P	N	N		B		N	N	P	P	B		B	P	N	P	B	N
Strep A invas	N	N	P	B	P	N	B			B	B	B	P	B	P	N	N		B	N	B	B	L	P	B	N	B	N	B	N	B	L	B	B	B	N	B	B	N	N
S Pneu-I	N	N	L	N	N	B	B			N	N	N	P	N	N	N	N		N	N	B	B	B	P	B	N	N	B	N	N	N	N	B	N	N	N	B	N	N
S Pneu-R	N	N	L	B	N	B	B			B	B	N	N	N	N	N	N		L	B	B		N	N	B	N	N	B	N	N	B	L	N	B	B	N	B	B	N	N
Strep TSS	N	N	P	B	P	B	P			B	B	N	P	B	P	N	B		N	N	B		P	P	B	N	N	N	N	N	B	P	B	B	B	P	B	B	B	N
Syphillis	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	B	B	B
Con Syph	P	B	P	B	P	B	B		B	B	B	N	B	B	B	N	B	P	B	B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	P
Tetanus	B	B	P	B	P	B	B		B	B	B	B	P	B	P	P	B	P	B	B	B	P	B	P	B	B	B	B	B	B	B	B	B	B	P	B	B	B	P
TSS	N	B	P	B	P	B	N		B	B	B	N	P	B	P	P	B	P	B	N	P		P	P	B	N	B	N	B	B	B	P	B	B	P	B	B	B	N
Trichinosis	B	B	P	N	P	B	B		B	B	N	B	B	N	B	B	B		N	B	B	P	P	B	B	B	B	B	B	B	B	B	B	B	P	B	B	N	P
TB	B	B	B	B	B	B	B		B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B
Typh fev	P	B	P	B	B	B	B		B	B	B	B	B	B	B	B	B	P	B	B	B	B	B	B	B	B	B	B	B	B	B	L	B	B	P	B	B	B	B
Yel fev	B	B	P	B	P	B	P		B	B	N	B	B	N	N	B	B	P	B	B	N		B	B	B	B	N	B	B	N	N	P	B	B	B	P	N	B	B	P

P=Provider reportable only
L=Laboratory reportable only
B=Both provider and lab rpt
N=Neither provider nor lab rpt

Appendix C

Table 1. Reporting Requirements for Nationally Notifiable Diseases and Conditions

Survey of State\Territorial Epidemiologists, May 1997

Draft Report, 10/97

	PA	PR	RI	SC	SD	TN	TX	UT	VT	VA	WA	WV	WI	WY	Amer Samoa	CNMI	Marsh	Microne	Palau	USVI			
APP	N		N	N	N	N	B	B		P	P	N	B	N									
AIDS	P	P	B	P	B	B	B	B	P	P	B	B	B	B									
Anthrax	P	P	B	B	B	B	B	B	B	B	B	B	B	B									
Botulism	B	P	B	P	B	B	B	B	B	P	B	B	B	P									
Brucellosis	B	P	B	N	B	B	B	B	B	P	B	B	B	B									
Chancroid	N	P	B	B	B	B	B	B	N	P	P	P	B	B									
Chlamydia	B		B	L	B	B	B	B	B	B	B	B	B	B									
Cholera	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Coccidioidomyc	N		N	N	N	N	N	B	N	N	N	N	N	P									
Cryptosporidios	N		B	B	B	B	B	N	B	N	N	B	N	B									
Diphtheria	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
En-CA sero	P	P	B	B		B	B	B	B	P		N	B										
En-EE	P	P	B	B		B	B	B	B	P		N	B										
En-SL	P	P	B	B		B	B	B	B	P	B	N	B										
En-WE	P	P	B	B		B	B	B	B	P	B	N	B	L									
Ecoli 0 P57:H7	N	P	B	B	B	B	B	B	B	N	B	B	N	B									
Gonorrhea	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Hi invasive	B	P	B	B	B	B	B	B	B	B	B	B	N	B									
Leprosy	N		B	P	B	B	B	B	N	P	B	N	B	B									
HPS	N		B	P	B	B	B	B	P	N	N	N	N	B									
HUS	N		B	P	B	B	B	N	P	N	N	B	N	B									
A	B	P	B	P	B	B	B	B	B	B	B	B	B	B									
B	B	P	B	P	B	B	B	B	B	P	B	B	B	B									
C	L	P	B	P	B	B	B	B	B	N	B	B	N	B									
NANB	P	P	B	P	B	N	B	B	B	P	B	P	B										
HIV-name, Ped	N		N	B	B	B		B	N	B	N	B	B	B									
HIV-name, Peri	N		N	B	B	B	B	B	N	B	N	B	B	B									
HIV-ID, Ped	N		B	N				N	N	N	N	N	N										
HIV-ID, Peri	N		B	N				N	N	N	N	N	N										

Appendix C

Table 1. Reporting Requirements for Nationally Notifiable Diseases and Conditions

P=Provider reportable only
L=Laboratory reportable only
B=Both provider and lab rpt
N=Neither provider nor lab rpt

Survey of State\Territorial Epidemiologists, May 1997

Draft Report, 10/97

	PA	PR	RI	SC	SD	TN	TX	UT	VT	VA	WA	WV	WI	WY	Amer Samoa	CNMI	Marsh	Microne	Palau	USVI			
Legionellosis	B		B	P	B	B	B	B	B	B	B	N	B	B									
Lyme	B		B	P	B	B	B	B	B	P	P	B	B	B									
Malaria	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Measles	P	P	B	B	B	B	B	B	B	P	B	B	B	B									
Meningococ	B	P	B	B	B	B	B	B	B	B	B	N	B	B									
Mumps	P	P	B	P	B	B	N	B	B	P	B	B	B	B									
Pertussis	P	P	B	B	B	B	B	B	B	B	B	B	B	B									
Plague	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Polio	P	P	B	B	B	B	B	B	B	B	P	B	B	B									
Psittacosis	B	P	B	P	B	B	N	B	B	P	P	B	B	P									
Animal Rab	B	P	B	L	B	B	B	B	B	B	B	B	N	P									
Human Rab	B	P	B	P	B	B	B	B	B	P	B	B	B	B									
RMSF	B		B	B	B	B	B	B	B	P	P	B	B	B									
Rubella	P	P	B	B	B	B	B	B	B	P	P	B	B	B									
CRS	P	P	P	P	B	B	B	B	B	P	P	P	B	P									
Salmonella	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Shigella	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Silicosis	N		B	N	N	N	N	N	N	P		N	P										
Strep A invas	N	P	B	P	B	B	B	N	B	N	N	B	N	B									
S Pneu-I	N	P	B	N	N	N	N	N	B	N	N	B	N										
S Pneu-R	N	P	B	L	B	B	N	N	B	N	N	B	N	B									
Strep TSS	N		B	P	N	B	N	N	P	N	B	N	N	B									
Syphillis	B	P	B	B	B	B	B	B	B	B	B	B	B	B									
Con Syph	B	P	B	P	B	B	B	B	B	P	P	B	B	B									
Tetanus	P	P	B	P	B	B	B	B		P	P	P	B	B									
TSS	P		B	B	B	B	N	B		P	P	N	B	B									
Trichinosis	B	P	B	B	B	B	B	B		B	P	B	B	B									
TB	B	P	B	B	B	B	B	B		B	B	B	B	B									
Typh fev	B	P	B	B	B	B	B	B		B	P	B	B	P									
Yel fev	P	P	B	P	B	B	B	B	B	P	P	B	B	P									

P=Provider reportable only
L=Laboratory reportable only
B=Both provider and lab rpt
N=Neither provider nor lab rpt

Appendix C
Table IV: LOINC List

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
2		**LOINC#**	**COMPONENT**	**PROP**	**TM**	**SYS**	**PR**	**METHOD**	
3	Amebiasis	10641-9	AMOEBA IDENTIFIED	PRID	PT	ASP	QL	IMMUNE STAIN	Amebiasis organism list
4	Amebiasis	10642-7	AMOEBA IDENTIFIED	PRID	PT	ASP	QL	WET PREPARATION	Amebiasis organism list
5	Amebiasis	10643-5	AMOEBA IDENTIFIED	PRID	PT	STL	QL	ORGANISM SPECIFIC CULTURE	Amebiasis organism list
6	Amebiasis	6594-6	AMOEBA IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Amebiasis organism list
7	Amebiasis	5150-8	ENTAMOEBA HISTOLYTICA AB	ACNC	PT	SER	QN	EIA	Not reportable
8	Amebiasis	5151-6	ENTAMOEBA HISTOLYTICA AB	ACNC	PT	SER	QN	HAI	Not reportable
9	Amebiasis	7880-8	ENTAMOEBA HISTOLYTICA AB	ACNC	PT	SER	QN		Not reportable
10	Amebiasis	9420-1	ENTAMOEBA HISTOLYTICA AB	TITR	PT	SER	QN	CF	Not reportable
11	Amebiasis	9421-9	ENTAMOEBA HISTOLYTICA AB	ACNC	PT	SER	QN	ID	Not reportable
12	Amebiasis	9521-6	ENTAMOEBA HISTOLYTICA AB.IGA	ACNC	PT	SER	QN	EIA	
13	Amebiasis	9522-4	ENTAMOEBA HISTOLYTICA AB.IGG	ACNC	PT	SER	QN	EIA	
14	Amebiasis	9523-2	ENTAMOEBA HISTOLYTICA AB.IGM	ACNC	PT	SER	QN	EIA	
15	Amebiasis	6397-4	ENTAMOEBA HISTOLYTICA AG	ACNC	PT	SER	QN	EIA	Positive
16	Amebiasis	6398-2	ENTAMOEBA HISTOLYTICA AG	ACNC	PT	STL	QN	EIA	Positive
17	Amebiasis	6399-0	ENTAMOEBA HISTOLYTICA AG	ACNC	PT	XXX	QN	EIA	Positive
18	Amebiasis	6396-6	ENTAMOEBA HISTOLYTICA DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
19	Amebiasis	6470-9	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	WET PREPARATION	Amebiasis organism list
20	Amebiasis	9785-7	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	OVA AND PARASITE PREPARATION	Amebiasis organism list
21	Amebiasis	10356-4	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	TRICHROME STAIN	Amebiasis organism list
22	Amebiasis	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Amebiasis organism list
23	Amebiasis	6674-6	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	OVA AND PARASITE PREPARATION	Amebiasis organism list
24	Amebiasis	6473-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	TRICHROME STAIN	Amebiasis organism list
25	Amebiasis	6680-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WET PREPARATION	Amebiasis organism list
26	Amebiasis	665-0	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	HEMATOXYLIN AND EOSIN STAIN	Amebiasis organism list
27	Amebiasis	673-4	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	OVA AND PARASITE PREPARATION	Amebiasis organism list
28	Amebiasis	678-3	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	TRICHROME STAIN	Amebiasis organism list
29	Amebiasis	680-9	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	WET PREPARATION	Amebiasis organism list
30	Amebiasis	10701-1	OVA + PARASITES IDENTIFIED	PRID	PT	STL	QL	CONCENTRATION	Amebiasis organism list
31	Amebiasis	10702-9	OVA + PARASITES IDENTIFIED	PRID	PT	STL	QL	IMMUNE STAIN	Amebiasis organism list
32	Amebiasis	10703-7	OVA + PARASITES IDENTIFIED	PRID	PT	STL	QL	KH STAIN	Amebiasis organism list
33	Amebiasis	10704-5	OVA + PARASITES IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.LIGHT	Amebiasis organism list
34									
35	Anthrax	5055-9	BACILLUS ANTHRACIS AB	ACNC	PT	SER	QN	HAI	Not reportable
36	Anthrax	11467-8	BACILLUS ANTHRACIS AB	ACNC	PT	SER	QN	IB	Positive
37	Anthrax	11468-6	BACILLUS ANTHRACIS AB	ACNC	PT	XXX	QN	IF	Positive
38	Anthrax	11469-4	BACILLUS ANTHRACIS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Positive
39									
40	Arbovirus	6309-9	ARBOVIRUS IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Arbovirus organism list
41	Arbovirus	6310-7	ARBOVIRUS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Arbovirus organism list
42	Arbovirus	5134-2	EASTERN EQUINE ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN		
43	**Arbovirus**	**13228-2**	**EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
44	Arbovirus	10897-7	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	CSF	QN	IF	Positive
45	Arbovirus	7860-0	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	ACNC	PT	SER	QN		Positive
46	Arbovirus	10896-9	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	SER	QN	IF	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
47	**Arbovirus**	**13229-0**	**EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
48	Arbovirus	10899-3	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
49	Arbovirus	7861-8	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
50	Arbovirus	10898-5	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
51	Arbovirus	6388-3	EASTERN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	EIA	Positive
52	Arbovirus	6389-1	EASTERN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	IF	Positive
53	Arbovirus	7933-5	JAPANESE ENCEPHALITIS VIRUS AB	ACNC	PT	CSF	SQ	EIA	
54	Arbovirus	7934-3	JAPANESE ENCEPHALITIS VIRUS AB	ACNC	PT	SER	SQ	EIA	
55	Arbovirus	7935-0	JAPANESE ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN	HAI	
56	**Arbovirus**	**11608-7**	**JAPANESE ENCEPHALITIS VIRUS AB**	**ACNC**	**PT**	**SER**	**QN**		
57	Arbovirus	7936-8	JAPANESE ENCEPHALITIS VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
58	Arbovirus	9538-0	LA CROSSE VIRUS AB	TITR	PT	CSF	QN	IF	
59	Arbovirus	5073-2	LA CROSSE VIRUS AB	ACNC	PT	SER	QN		
60	Arbovirus	7938-4	LA CROSSE VIRUS AB	ACNC	PT	SER	SQN	EIA	
61	Arbovirus	7939-2	LA CROSSE VIRUS AB	ACNC	PT	SER	SQN	IF	
62	Arbovirus	9539-8	LA CROSSE VIRUS AB.IGG	TITR	PT	CSF	QN	IF	
63	Arbovirus	7940-0	LA CROSSE VIRUS AB.IGG	ACNC	PT	SER	QN		
64	Arbovirus	10904-1	LA CROSSE VIRUS AB.IGG	TITR	PT	SER	QN	IF	
65	Arbovirus	9540-6	LA CROSSE VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
66	Arbovirus	7941-8	LA CROSSE VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
67	Arbovirus	10905-8	LA CROSSE VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
68	Arbovirus	7942-6	LASSA VIRUS AB.IGG	ACNC	PT	SER	SQ	EIA	
69	Arbovirus	7943-4	LASSA VIRUS AB.IGG	TITR	PT	SER	QN	IF	
70	Arbovirus	7944-2	LASSA VIRUS AB.IGM	ACNC	PT	SER	SQ	EIA	Positive
71	Arbovirus	7945-9	LASSA VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
72	Arbovirus	7946-7	LASSA VIRUS AG	ACNC	PT	SER	SQ	EIA	Positive
73	Arbovirus	8021-8	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	CSF	SQ	EIA	
74	Arbovirus	9577-8	SAINT LOUIS ENCEPHALITIS VIRUS AB	TITR	PT	CSF	QN	IF	
75	Arbovirus	5365-2	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN		
76	Arbovirus	8022-6	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN	CF	
77	Arbovirus	8023-4	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	SER	SQ	EIA	
78	Arbovirus	8024-2	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	SER	SQ	IF	
79	Arbovirus	9578-6	SAINT LOUIS ENCEPHALITIS VIRUS AB	TITR	PT	SER	QN	IF	
80	**Arbovirus**	**13230-8**	**SAINT LOUIS ENCEPHALITIS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
81	Arbovirus	8016-8	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGG	ACNC	PT	SER	QN		
82	Arbovirus	10906-6	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGG	TITR	PT	SER	QN	IF	
83	Arbovirus	9634-7	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGG	TITR	PT	XXX	QN		
84	**Arbovirus**	**13231-6**	**SAINT LOUIS ENCEPHALITIS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
85	Arbovirus	8017-6	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
86	Arbovirus	10907-4	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
87	Arbovirus	9635-4	SAINT LOUIS ENCEPHALITIS VIRUS AB.IGM	TITR	PT	XXX	QN		Positive
88	Arbovirus	6549-0	SAINT LOUIS ENCEPHALITIS VIRUS AG	ACNC	PT	SER	QN		Positive
89	Arbovirus	8025-9	SAINT LOUIS ENCEPHALITIS VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
90	Arbovirus	6571-4	VENEZUELAN EQUINE ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN		
91	Arbovirus	8050-7	VENEZUELAN EQUINE ENCEPHALITIS VIRUS AB.IGG	ACNC	PT	SER	QN		

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
92	Arbovirus	8051-5	VENEZUELAN EQUINE ENCEPHALITIS VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
93	Arbovirus	6572-2	VENEZUELAN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	EIA	Positive
94	Arbovirus	6573-0	VENEZUELAN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	IF	Positive
95	Arbovirus	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Arbovirus organism list
96	Arbovirus	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Arbovirus organism list
97	Arbovirus	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Arbovirus organism list
98	Arbovirus	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Arbovirus organism list
99	Arbovirus	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Arbovirus organism list
100	**Arbovirus**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Arbovirus organism list**
101	Arbovirus	9314-6	WESTERN EQUINE ENCEPHALITIS VIRUS AB	TITR	PT	CSF	QN	IF	
102	Arbovirus	5406-4	WESTERN EQUINE ENCEPHALITIS VIRUS AB	ACNC	PT	SER	QN		
103	Arbovirus	9581-0	WESTERN EQUINE ENCEPHALITIS VIRUS AB	TITR	PT	SER	QN	IF	
104	Arbovirus	9315-3	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	CSF	QN	IF	
105	Arbovirus	8052-3	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	ACNC	PT	SER	QN		
106	Arbovirus	6957-5	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	SER	QN	IF	
107	Arbovirus	9316-1	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
108	Arbovirus	8053-1	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
109	Arbovirus	6958-3	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
110	Arbovirus	6585-4	WESTERN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	EIA	Positive
111	Arbovirus	6586-2	WESTERN EQUINE ENCEPHALITIS VIRUS AG	ACNC	PT	SER	SQ	IF	Positive
112									
113	Babesiosis	9584-4	BABESIA SP AB.IGG	TITR	PT	SER	QN	IF	>1:256
114	Babesiosis	9585-1	BABESIA SP AB.IGM	TITR	PT	SER	QN	IF	>1:256
115	Babesiosis	6311-5	BABESIA MICROTI AB	ACNC	PT	SER	QN	EIA	
116	Babesiosis	7812-1	BABESIA MICROTI AB	ACNC	PT	SER	QN		
117	Babesiosis	10347-3	BABESIA MICROTI IDENTIFIED	PRID	PT	BLD	QL	MICROSCOPY.LIGHT	Babesiosis organism list
118	Babesiosis	5054-2	BABESIA SP AB	TITR	PT	SER	QN	IF	>1:256
119	Babesiosis	7813-9	BABESIA SP AB	ACNC	PT	SER	QN		
120	Babesiosis	10647-6	BABESIA SP IDENTIFIED	PRID	PT	BLD	QL	THICK FILM	Babesiosis organism list
121	Babesiosis	10648-4	BABESIA SP IDENTIFIED	PRID	PT	BLD	QL	THIN FILM	Babesiosis organism list
122	Babesiosis	637-9	MICROSCOPIC OBSERVATION	PRID	PT	BLD	QL	MALARIA THICK SMEAR	Babesiosis organism list
123									
124	Bartonellosis	5326-4	BARTONELLA HENSELAE AB.IGG	ACNC	PT	SER	QN		
125	Bartonellosis	7815-4	BARTONELLA HENSELAE AB.IGG	ACNC	PT	SER	QN	EIA	
126	Bartonellosis	6954-2	BARTONELLA HENSELAE AB.IGG	TITR	PT	SER	QN	IF	
127	Bartonellosis	5327-2	BARTONELLA HENSELAE AB.IGM	ACNC	PT	SER	QN		
128	Bartonellosis	6312-3	BARTONELLA HENSELAE AB.IGM	ACNC	PT	SER	QN	EIA	Positive
129	Bartonellosis	6955-9	BARTONELLA HENSELAE AB.IGM	TITR	PT	SER	QN	IF	Positive
130	Bartonellosis	8009-3	BARTONELLA QUINTANA AB.IGG	ACNC	PT	SER	QN		
131	Bartonellosis	9360-9	BARTONELLA QUINTANA AB.IGG	TITR	PT	SER	QN		
132	Bartonellosis	8010-1	BARTONELLA QUINTANA AB.IGM	ACNC	PT	SER	QN		Positive
133	Bartonellosis	9361-7	BARTONELLA QUINTANA AB.IGM	TITR	PT	SER	QN		Positive
134	**Bartonellosis**	**13325-6**	**BARTONELLA SP IDENTIFIED**	**PRID**	**PT**	**BLD**	**SQ**	**MICROSCOPY.LIGHT**	
135	Bartonellosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Bartonellosis organism list
136	Bartonellosis	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Bartonellosis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
137	Bartonellosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Bartonellosis organism list
138	Bartonellosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Bartonellosis organism list
139	Bartonellosis	11546-9	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL		Bartonellosis organism list
140									
141	Blastomycosis	5057-5	BLASTOMYCES DERMATITIDIS AB	TITR	PT	SER	QN	CF	
142	Blastomycosis	5058-3	BLASTOMYCES DERMATITIDIS AB	ACNC	PT	SER	SQ	ID	
143	Blastomycosis	7816-2	BLASTOMYCES DERMATITIDIS AB	ACNC	PT	SER	SQ		
144	Blastomycosis	9494-6	BLASTOMYCES DERMATITIDIS AB.IGG	ACNC	PT	SER	QN		
145	Blastomycosis	6313-1	BLASTOMYCES DERMATITIDIS AG	ACNC	PT	SER	SQ	EIA	Positive
146	Blastomycosis	4990-8	BLASTOMYCES DERMATITIDIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
147	Blastomycosis	568-6	FUNGUS IDENTIFIED	PRID	PT	ASP	QL	ROUTINE FUNGAL CULTURE	Blastomycosis organism list
148	Blastomycosis	577-7	FUNGUS IDENTIFIED	PRID	PT	SPT	QL	ROUTINE FUNGAL CULTURE	Blastomycosis organism list
149	Blastomycosis	6409-7	FUNGUS IDENTIFIED	PRID	PT	SPTT	QL	ROUTINE FUNGAL CULTURE	Blastomycosis organism list
150	Blastomycosis	10666-6	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	FONTANA-MASSON STAIN	Blastomycosis organism list
151	Blastomycosis	578-5	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	ROUTINE FUNGAL CULTURE	Blastomycosis organism list
152	Blastomycosis	580-1	FUNGUS IDENTIFIED	PRID	PT	XXX	QL	ROUTINE FUNGAL CULTURE	Blastomycosis organism list
153	Blastomycosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Blastomycosis organism list
154	Blastomycosis	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Blastomycosis organism list
155	Blastomycosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Blastomycosis organism list
156	Blastomycosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Blastomycosis organism list
157	Blastomycosis	11475-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	CULTURE	Blastomycosis organism list
158	Blastomycosis	648-6	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	GRAM STAIN	Blastomycosis organism list
159	Blastomycosis	6468-3	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	CALCOFLUOR WHITE PREPARATION	Blastomycosis organism list
160	Blastomycosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Blastomycosis organism list
161	Blastomycosis	6472-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	CALCOFLUOR WHITE PREPARATION	Blastomycosis organism list
162	Blastomycosis	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Blastomycosis organism list
163	Blastomycosis	6667-0	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	KOH PREPARATION	Blastomycosis organism list
164	Blastomycosis	6675-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	PERIODIC ACID-SCHIFF STAIN	Blastomycosis organism list
165	Blastomycosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Blastomycosis organism list
166									
167	Botulism	11470-2	CLOSTRIDIUM BOTULINUM TOXIN	ACNC	PT	STL	QN		Positive
168	Botulism	6459-2	MICROORGANISM IDENTIFIED	PRID	PT	FOOD	QL	FOOD CULTURE	Botulism organism list
169									
170	Brucellosis	5066-6	BRUCELLA ABORTUS AB	ACNC	PT	SER	SQ	LA	>1:160
171	Brucellosis	5067-4	BRUCELLA ABORTUS AB	TITR	PT	SER	QN	LA	>1:160
172	Brucellosis	6324-8	BRUCELLA ABORTUS AB	TITR	PT	SER	QN	AGGL	>1:160
173	Brucellosis	6325-5	BRUCELLA ABORTUS AB	TITR	PT	SER	QN	CF	
174	Brucellosis	6910-4	BRUCELLA ABORTUS AB.IGA	ACNC	PT	SER	QN		
175	Brucellosis	6911-2	BRUCELLA ABORTUS AB.IGG	ACNC	PT	SER	QN		
176	Brucellosis	6326-3	BRUCELLA ABORTUS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
177	Brucellosis	6327-1	BRUCELLA CANIS AB	ACNC	PT	SER	QN	EIA	Positive
178	**Brucellosis**	**11587-3**	**BRUCELLA CANIS AB**	**ACNC**	**PT**	**SER**	**QN**		
179	Brucellosis	5068-2	BRUCELLA CANIS AB	TITR	PT	SER	QN	LA	>1:160
180	**Brucellosis**	**13214-2**	**BRUCELLA CANIS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
181	Brucellosis	9495-3	BRUCELLA CANIS AB.IGG	ACNC	PT	SER	QN	EIA	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
182	**Brucellosis**	**13215-9**	**BRUCELLA CANIS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
183	Brucellosis	9496-1	BRUCELLA CANIS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
184	**Brucellosis**	**11588-1**	**BRUCELLA MELITENSIS AB**	**ACNC**	**PT**	**SER**	**QN**		
185	Brucellosis	5069-0	BRUCELLA MELITENSIS AB	TITR	PT	SER	QN	LA	>1:160
186	Brucellosis	10349-9	BRUCELLA SP AB	ACNC	PT	SER	QN		
187	Brucellosis	6328-9	BRUCELLA SP AB	TITR	PT	SER	QN	IF	>1:64
188	**Brucellosis**	**13211-8**	**BRUCELLA SP AB.IGA**	**ACNC**	**PT**	**SER/PLA**	**QN**		
189	**Brucellosis**	**13210-0**	**BRUCELLA SP AB.IGG**	**ACNC**	**PT**	**SER/PLA**	**QN**		
190	Brucellosis	5070-8	BRUCELLA SP AB.IGM	ACNC	PT	SER	QN		Positive
191	Brucellosis	551-2	BRUCELLA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Brucellosis organism list
192	Brucellosis	552-0	BRUCELLA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Brucellosis organism list
193	**Brucellosis**	**11589-9**	**BRUCELLA SUIS AB**	**ACNC**	**PT**	**SER**	**QN**		
194	Brucellosis	5071-6	BRUCELLA SUIS AB	TITR	PT	SER	QN	LA	>1:160
195	Brucellosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Brucellosis organism list
196	Brucellosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Brucellosis organism list
197	Brucellosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Brucellosis organism list
198	Brucellosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Brucellosis organism list
199									
200	Campylobacteriosis	6329-7	CAMPYLOBACTER COLI RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
201	Campylobacteriosis	6330-5	CAMPYLOBACTER IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Campylobacter organism list
202	Campylobacteriosis	6331-3	CAMPYLOBACTER IDENTIFIED	PRID	PT	STL	QL	ORGANISM SPECIFIC CULTURE	Campylobacter organism list
203	Campylobacteriosis	6332-1	CAMPYLOBACTER IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Campylobacter organism list
204	Campylobacteriosis	9655-2	CAMPYLOBACTER JEJUNI AB	TITR	PT	SER	QN		
205	Campylobacteriosis	6333-9	CAMPYLOBACTER JEJUNI RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
206	Campylobacteriosis	6334-7	CAMPYLOBACTER LARI RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
207	Campylobacteriosis	6335-4	CAMPYLOBACTER SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Campylobacter organism list
208	Campylobacteriosis	4992-4	CAMPYLOBACTER SP RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
209									
210	Chanchroid	6600-1	HAEMOPHILUS SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Chanchroid organism list
211	Chanchroid	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Chanchroid organism list
212	Chanchroid	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Chanchroid organism list
213	Chanchroid	10352-3	MICROORGANISM IDENTIFIED	PRID	PT	GEN	QL	AEROBIC CULTURE	Chanchroid organism list
214	Chanchroid	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Chanchroid organism list
215	Chanchroid	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Chanchroid organism list
216									
217	Chickenpox	10734-2	VARICELLA-ZOSTER VIRUS IDENTIFIED	PRID	PT	SKN	QL	MICROSCOPY.ELECTRON	Chickpox organism list
218	Chickenpox	9636-2	VARICELLA VIRUS AB	ACNC	PT	CSF	SQ		
219	Chickenpox	8046-5	VARICELLA VIRUS AB	ACNC	PT	SER	QN		
220	**Chickenpox**	**12271-3**	**VARICELLA VIRUS AB**	**ACNC**	**PT**	**SER**	**SQ**	**LA**	
221	Chickenpox	5401-5	VARICELLA VIRUS AB	TITR	PT	SER	QN	CF	
222	Chickenpox	5402-3	VARICELLA VIRUS AB	TITR	PT	SER	QN	LA	
223	Chickenpox	5403-1	VARICELLA VIRUS AB.IGG	ACNC	PT	SER	QN	EIA	
224	Chickenpox	8047-3	VARICELLA VIRUS AB.IGG	ACNC	PT	SER	QN		
225	Chickenpox	6569-8	VARICELLA VIRUS AB.IGG	TITR	PT	SER	QN	IF	
226	Chickenpox	5404-9	VARICELLA VIRUS AB.IGM	ACNC	PT	SER	QN	EIA	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
227	Chickenpox	8048-1	VARICELLA VIRUS AB.IGM	ACNC	PT	SER	QN		
228	Chickenpox	6570-6	VARICELLA VIRUS AB.IGM	TITR	PT	SER	QN	IF	
229	Chickenpox	5881-8	VARICELLA VIRUS AG	ACNC	PT	SKN	SQ	IF	Positive
230	Chickenpox	5882-6	VARICELLA VIRUS AG	ACNC	PT	XXX	SQ	IF	Positive
231	Chickenpox	10860-5	VARICELLA ZOSTER	ACNC	PT	XXX	SQ	ORGANISM SPECIFIC CULTURE	Chickpox organism list
232	Chickenpox	8049-9	VARICELLA ZOSTER VIRUS DNA	ACNC	PT	SER	SQ	PCR/PROBE	Chickpox organism list
233	Chickenpox	11483-5	VARICELLA ZOSTER VIRUS DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Chickpox organism list
234	Chickenpox	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Chickpox organism list
235	Chickenpox	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Chickpox organism list
236	Chickenpox	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Chickpox organism list
237	Chickenpox	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Chickpox organism list
238	Chickenpox	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Chickpox organism list
239	Chickenpox	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Chickpox organism list
240	Chickenpox	10739-1	VIRUS IDENTIFIED	PRID	PT	XXX	QL	MICROSCOPY.ELECTRON	Chickpox organism list
241	**Chickenpox**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Chickpox organism list**
242									
243	Chlamydia infection	5078-1	CHLAMYDIA PNEUMONIAE AB	ACNC	PT	SER	QN		
244	Chlamydia infection	6912-0	CHLAMYDIA PNEUMONIAE AB.IGA	TITR	PT	SER	SQN	IF	
245	Chlamydia infection	6913-8	CHLAMYDIA PNEUMONIAE AB.IGG	TITR	PT	SER	SQN	IF	
246	Chlamydia infection	6914-6	CHLAMYDIA PNEUMONIAE AB.IGM	TITR	PT	SER	QN	IF	
247	Chlamydia infection	10651-8	CHLAMYDIA PNEUMONIAE AG	ACNC	PT	SPT/BRO	SQ		Positive
248	Chlamydia infection	10652-6	CHLAMYDIA PNEUMONIAE DNA	ACNC	PT	SPT/BRO	SQ	AMP/PROBE	Positive
249	Chlamydia infection	7821-2	CHLAMYDIA PNEUMONIAE RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
250	Chlamydia infection	7822-0	CHLAMYDIA PSITTACI AB	ACNC	PT	SER	QN		
251	Chlamydia infection	5079-9	CHLAMYDIA PSITTACI AB	TITR	PT	SER	QN	CF	
252	Chlamydia infection	6915-3	CHLAMYDIA PSITTACI AB.IGA	TITR	PT	SER	QN	IF	
253	Chlamydia infection	5080-7	CHLAMYDIA PSITTACI AB.IGG	ACNC	PT	SER	QN		
254	Chlamydia infection	6916-1	CHLAMYDIA PSITTACI AB.IGG	TITR	PT	SER	QN	IF	
255	Chlamydia infection	5081-5	CHLAMYDIA PSITTACI AB.IGM	ACNC	PT	SER	QN		Positive
256	Chlamydia infection	6917-9	CHLAMYDIA PSITTACI AB.IGM	TITR	PT	SER	QN	IF	
257	Chlamydia infection	6338-8	CHLAMYDIA PSITTACI AG	ACNC	PT	GEN	SQ	EIA	Positive
258	Chlamydia infection	6339-6	CHLAMYDIA PSITTACI AG	ACNC	PT	GEN	SQ	IF	Positive
259	Chlamydia infection	6340-4	CHLAMYDIA PSITTACI AG	ACNC	PT	XXX	SQ	EIA	Positive
260	Chlamydia infection	6341-2	CHLAMYDIA PSITTACI AG	ACNC	PT	XXX	SQ	IF	Positive
261	Chlamydia infection	5082-3	CHLAMYDIA SP AB	ACNC	PT	SER	QN	EIA	
262	Chlamydia infection	7823-8	CHLAMYDIA SP AB	ACNC	PT	SER	QN		
263	Chlamydia infection	5083-1	CHLAMYDIA SP AB	TITR	PT	SER	QN	CF	
264	Chlamydia infection	5084-9	CHLAMYDIA SP AB	TITR	PT	SER	QN	IF	
265	Chlamydia infection	5085-6	CHLAMYDIA SP AB.IGG	ACNC	PT	SER	QN		
266	Chlamydia infection	10848-0	CHLAMYDIA SP AB.IGG	TITR	PT	SER	QN	IF	
267	Chlamydia infection	5086-4	CHLAMYDIA SP AB.IGM	ACNC	PT	SER	QN		
268	Chlamydia infection	10849-8	CHLAMYDIA SP AB.IGM	TITR	PT	SER	QN	IF	
269	Chlamydia infection	6343-8	CHLAMYDIA SP AG	ACNC	PT	CNJT	SQ	EIA	Positive
270	Chlamydia infection	6344-6	CHLAMYDIA SP AG	ACNC	PT	CNJT	SQ	IF	Positive
271	Chlamydia infection	6345-3	CHLAMYDIA SP AG	ACNC	PT	GEN	SQ	EIA	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
272	Chlamydia infection	6346-1	CHLAMYDIA SP AG	ACNC	PT	GEN	SQ	IF	Positive
273	Chlamydia infection	561-1	CHLAMYDIA SP AG	ACNC	PT	XXX	SQ	IF	Positive
274	Chlamydia infection	6347-9	CHLAMYDIA SP AG	ACNC	PT	XXX	SQ	EIA	Positive
275	Chlamydia infection	556-1	CHLAMYDIA SP IDENTIFIED	PRID	PT	CNJT	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
276	Chlamydia infection	557-9	CHLAMYDIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
277	Chlamydia infection	6348-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
278	Chlamydia infection	558-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	
279	Chlamydia infection	559-5	CHLAMYDIA SP IDENTIFIED	PRID	PT	URTH	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
280	Chlamydia infection	560-3	CHLAMYDIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
281	Chlamydia infection	7824-6	CHLAMYDIA TRACHOMATIS AB	ACNC	PT	SER	QN		Not reportable
282	Chlamydia infection	5087-2	CHLAMYDIA TRACHOMATIS AB	TITR	PT	SER	QN	CF	Not reportable
283	Chlamydia infection	5088-0	CHLAMYDIA TRACHOMATIS AB	TITR	PT	SER	QN	IF	Not reportable
284	Chlamydia infection	6918-7	CHLAMYDIA TRACHOMATIS AB.IGA	TITR	PT	SER	QN	IF	Not reportable
285	Chlamydia infection	5089-8	CHLAMYDIA TRACHOMATIS AB.IGG	ACNC	PT	SER	QN		Not reportable
286	Chlamydia infection	6919-5	CHLAMYDIA TRACHOMATIS AB.IGG	TITR	PT	SER	QN	IF	Not reportable
287	Chlamydia infection	5090-6	CHLAMYDIA TRACHOMATIS AB.IGM	ACNC	PT	SER	QN		
288	Chlamydia infection	6920-3	CHLAMYDIA TRACHOMATIS AB.IGM	TITR	PT	SER	QN	IF	
289	Chlamydia infection	6350-3	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	CNJT	SQ	EIA	Positive
290	Chlamydia infection	6351-1	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	CNJT	SQ	IF	Positive
291	Chlamydia infection	6352-9	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	STL	SQ	IF	
292	Chlamydia infection	6353-7	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	TISS	SQ	IF	
293	Chlamydia infection	6354-5	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	XXX	SQ	EIA	Positive
294	Chlamydia infection	6355-2	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	XXX	SQ	IF	Positive
295	Chlamydia infection	6356-0	CHLAMYDIA TRACHOMATIS DNA	ACNC	PT	GEN	SQ	PCR/PROBE	Positive
296	Chlamydia infection	6357-8	CHLAMYDIA TRACHOMATIS DNA	ACNC	PT	UR	SQ	PCR/PROBE	Positive
297	Chlamydia infection	6349-5	CHLAMYDIA TRACHOMATIS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Chlamydia organism list
298	Chlamydia infection	4993-2	CHLAMYDIA TRACHOMATIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
299	**Chlamydia infection**	**13217-5**	**CHLAMYDIA TRACHOMATIS TYPE B AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
300	**Chlamydia infection**	**13223-3**	**CHLAMYDIA TRACHOMATIS TYPE B AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
301	**Chlamydia infection**	**13218-3**	**CHLAMYDIA TRACHOMATIS TYPE C AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
302	**Chlamydia infection**	**13220-9**	**CHLAMYDIA TRACHOMATIS TYPE C AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**QN**		
303	**Chlamydia infection**	**13222-5**	**CHLAMYDIA TRACHOMATIS TYPE C AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
304	**Chlamydia infection**	**13219-1**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
305	**Chlamydia infection**	**13221-7**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**QN**		
306	**Chlamydia infection**	**13224-1**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
307									
308	Cholera	5405-6	VIBRIO CHOLERA AB	MCNC	PT	SER	QN		
309	Cholera	6578-9	VIBRIO SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Cholerae organism list
310	Cholera	6579-7	VIBRIO SP IDENTIFIED	PRID	PT	STL	QL	ORGANISM SPECIFIC CULTURE	Cholerae organism list
311	Cholera	6580-5	VIBRIO SP IDENTIFIED	PRID	PT	WAT	QL	ORGANISM SPECIFIC CULTURE	Cholerae organism list
312	Cholera	6581-3	VIBRIO SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Cholerae organism list
313									
314	Coccidioidomycosis	10655-9	COCCIDIA IDENTIFIED	PRID	PT	DUFL	QL	ACID FAST STAIN	Coccidiodomycosis organism list
315	Coccidioidomycosis	10656-7	COCCIDIA IDENTIFIED	PRID	PT	STL	QL	ACID FAST STAIN	Coccidiodomycosis organism list
316	Coccidioidomycosis	5094-8	COCCIDIOIDES IMMITIS AB	ACNC	PT	SER	QN	EIA	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
317	Coccidioidomycosis	5095-5	COCCIDIOIDES IMMITIS AB	ACNC	PT	SER	SQ	ID	
318	Coccidioidomycosis	5096-3	COCCIDIOIDES IMMITIS AB	TITR	PT	SER	QN	CF	
319	Coccidioidomycosis	6368-5	COCCIDIOIDES IMMITIS AB	TITR	PT	SER	QN	LA	
320	Coccidioidomycosis	7825-3	COCCIDIOIDES IMMITIS AB	ACNC	PT	SER	SQN		
321	Coccidioidomycosis	9705-5	COCCIDIOIDES IMMITIS AB.IGA	ACNC	PT	SER	QN		
322	Coccidioidomycosis	7826-1	COCCIDIOIDES IMMITIS AB.IGG	ACNC	PT	SER	QN		
323	Coccidioidomycosis	7827-9	COCCIDIOIDES IMMITIS AB.IGM	ACNC	PT	SER	QN		Postive
324	Coccidioidomycosis	4994-0	COCCIDIOIDES IMMITIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
325	Coccidioidomycosis	568-6	FUNGUS IDENTIFIED	PRID	PT	ASP	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
326	Coccidioidomycosis	569-4	FUNGUS IDENTIFIED	PRID	PT	CSF	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
327	Coccidioidomycosis	570-2	FUNGUS IDENTIFIED	PRID	PT	FLU	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
328	Coccidioidomycosis	577-7	FUNGUS IDENTIFIED	PRID	PT	SPT	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
329	Coccidioidomycosis	6409-7	FUNGUS IDENTIFIED	PRID	PT	SPTT	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
330	Coccidioidomycosis	10666-6	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	FONTANA-MASSON STAIN	Coccidiodomycosis organism list
331	Coccidioidomycosis	578-5	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
332	Coccidioidomycosis	579-3	FUNGUS IDENTIFIED	PRID	PT	WND	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
333	Coccidioidomycosis	580-1	FUNGUS IDENTIFIED	PRID	PT	XXX	QL	ROUTINE FUNGAL CULTURE	Coccidiodomycosis organism list
334	Coccidioidomycosis	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Coccidiodomycosis organism list
335	Coccidioidomycosis	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Coccidiodomycosis organism list
336	Coccidioidomycosis	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Coccidiodomycosis organism list
337	Coccidioidomycosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Coccidiodomycosis organism list
338	Coccidioidomycosis	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Coccidiodomycosis organism list
339	Coccidioidomycosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Coccidiodomycosis organism list
340	Coccidioidomycosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Coccidiodomycosis organism list
341	Coccidioidomycosis	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Coccidiodomycosis organism list
342	**Coccidioidomycosis**	**634-6**	**MICROORGANISM IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**AEROBIC CULTURE**	**Coccidiodomycosis organism list**
343	**Coccidioidomycosis**	**636-1**	**MICROORGANISM IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**STERILE BODY FLUID CULTURE**	**Coccidiodomycosis organism list**
344	Coccidioidomycosis	639-5	MICROSCOPIC OBSERVATION	PRID	PT	CSF	QL	KOH PREPARATION	Coccidiodomycosis organism list
345	Coccidioidomycosis	648-6	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	GRAM STAIN	Coccidiodomycosis organism list
346	Coccidioidomycosis	6468-3	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	CALCOFLUOR WHITE PREPARATION	Coccidiodomycosis organism list
347	Coccidioidomycosis	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Coccidiodomycosis organism list
348	Coccidioidomycosis	6472-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	CALCOFLUOR WHITE PREPARATION	Coccidiodomycosis organism list
349	Coccidioidomycosis	6667-0	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	KOH PREPARATION	Coccidiodomycosis organism list
350	Coccidioidomycosis	6675-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	PERIODIC ACID-SCHIFF STAIN	Coccidiodomycosis organism list
351	Coccidioidomycosis	10357-2	MICROSCOPIC OBSERVATION	PRID	PT	WND	QL	GRAM STAIN	Coccidiodomycosis organism list
352									
353	Colorado tick fever	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Colorado tick fever organism list
354	Colorado tick fever	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Colorado tick fever organism list
355	Colorado tick fever	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Colorado tick fever organism list
356	Colorado tick fever	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Colorado tick fever organism list
357	Colorado tick fever	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Colorado tick fever organism list
358	Colorado tick fever	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Colorado tick fever organism list
359	Colorado tick fever	10739-1	VIRUS IDENTIFIED	PRID	PT	XXX	QL	MICROSCOPY.ELECTRON	Colorado tick fever organism list
360	**Colorado tick fever**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Colorado tick fever organism list**
361									

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
362	Cryptococcosis	6369-3	CRYPTOCOCCUS NEOFORMANS AB	TITR	PT	SER	QN	AGGL	Not reportable
363	Cryptococcosis	7842-8	CRYPTOCOCCUS NEOFORMANS AB	ACNC	PT	SER	QN		Not reportable
364	Cryptococcosis	5118-5	CRYPTOCOCCUS NEOFORMANS AG	TITR	PT	CSF	QN	LA	Positive
365	Cryptococcosis	5119-3	CRYPTOCOCCUS NEOFORMANS AG	TITR	PT	SER	QN	LA	Positive
366	Cryptococcosis	10657-5	CRYPTOCOCCUS NEOFORMANS AG	ACNC	PT	TISS	QL	IF	Positive
367	Cryptococcosis	11471-0	CRYPTOCOCCUS NEOFORMANS AG	TITR	PT	XXX	QN		Positive
368	Cryptococcosis	11472-8	CRYPTOCOCCUS NEOFORMANS AG	ACNC	PT	XXX	QL		Positive
369	Cryptococcosis	4995-7	CRYPTOCOCCUS NEOFORMANS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
370	Cryptococcosis	6370-1	CRYPTOCOCCUS SP AB	ACNC	PT	SER	SQ	IF	Not reportable
371	Cryptococcosis	7843-6	CRYPTOCOCCUS SP AB	ACNC	PT	SER	SQ		Not reportable
372	Cryptococcosis	9817-8	CRYPTOCOCCUS SP AG	TITR	PT	CSF	QN	EIA	Postive
373	Cryptococcosis	9819-4	CRYPTOCOCCUS SP AG	TITR	PT	CSF	QN	LA	Positive
374	Cryptococcosis	9818-6	CRYPTOCOCCUS SP AG	TITR	PT	SER	QN	EIA	Positive
375	Cryptococcosis	9820-2	CRYPTOCOCCUS SP AG	TITR	PT	SER	QN	LA	Positive
376	Cryptococcosis	11473-6	CRYPTOCOCCUS SP AG	TITR	PT	XXX	QN		
377	Cryptococcosis	568-6	FUNGUS IDENTIFIED	PRID	PT	ASP	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
378	Cryptococcosis	569-4	FUNGUS IDENTIFIED	PRID	PT	CSF	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
379	Cryptococcosis	575-1	FUNGUS IDENTIFIED	PRID	PT	SKN	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
380	Cryptococcosis	577-7	FUNGUS IDENTIFIED	PRID	PT	SPT	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
381	Cryptococcosis	6409-7	FUNGUS IDENTIFIED	PRID	PT	SPTT	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
382	Cryptococcosis	10666-6	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	FONTANA-MASSON STAIN	Cryptococcus organism list
383	Cryptococcosis	578-5	FUNGUS IDENTIFIED	PRID	PT	TISS	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
384	Cryptococcosis	580-1	FUNGUS IDENTIFIED	PRID	PT	XXX	QL	ROUTINE FUNGAL CULTURE	Cryptococcus organism list
385	Cryptococcosis	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Cryptococcus organism list
386	Cryptococcosis	620-5	MICROORGANISM IDENTIFIED	PRID	PT	SKN	QL	AEROBIC CULTURE	Cryptococcus organism list
387	Cryptococcosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Cryptococcus organism list
388	Cryptococcosis	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Cryptococcus organism list
389	Cryptococcosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Cryptococcus organism list
390	Cryptococcosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Cryptococcus organism list
391	Cryptococcosis	638-7	MICROSCOPIC OBSERVATION	PRID	PT	CSF	QL	INDIA INK PREPARATION	Cryptococcus organism list
392	Cryptococcosis	639-5	MICROSCOPIC OBSERVATION	PRID	PT	CSF	QL	KOH PREPARATION	Cryptococcus organism list
393	Cryptococcosis	648-6	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	GRAM STAIN	Cryptococcus organism list
394	Cryptococcosis	6468-3	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	CALCOFLUOR WHITE PREPARATION	Cryptococcus organism list
395	Cryptococcosis	6472-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	CALCOFLUOR WHITE PREPARATION	Cryptococcus organism list
396	Cryptococcosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Cryptococcus organism list
397	Cryptococcosis	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Cryptococcus organism list
398	Cryptococcosis	6666-2	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	INDIA INK PREPARATION	Cryptococcus organism list
399	Cryptococcosis	6667-0	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	KOH PREPARATION	Cryptococcus organism list
400	Cryptococcosis	6675-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	PERIODIC ACID-SCHIFF STAIN	Cryptococcus organism list
401	Cryptococcosis	658-5	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	CALCOFLUOR WHITE PREPARATION	Cryptococcus organism list
402	Cryptococcosis	664-3	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	GRAM STAIN	Cryptococcus organism list
403	Cryptococcosis	666-8	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	INDIA INK PREPARATION	Cryptococcus organism list
404	Cryptococcosis	667-6	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	KOH PREPARATION	Cryptococcus organism list
405	Cryptococcosis	674-2	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	PERIODIC ACID-SCHIFF STAIN	Cryptococcus organism list
406									

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
407	Cryptosporidiosis	6371-9	CRYPTOSPORIDIUM AG	ACNC	PT	STL	SQ	EIA	
408	Cryptosporidiosis	6372-7	CRYPTOSPORIDIUM AG	TITR	PT	STL	QN	IF	Positive
409	Cryptosporidiosis	566-0	CRYPTOSPORIDIUM SP AG	ACNC	PT	XXX	SQ	IF	Positive
410	Cryptosporidiosis	9785-7	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	OVA AND PARASITE PREPARATION	Cryptosporidiosis organism list
411	Cryptosporidiosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Cryptosporidiosis organism list
412	**Cryptosporidiosis**	**11479-3**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**ACID FAST STAIN**	**Cryptosporidiosis organism list**
413	**Cryptosporidiosis**	**6655-5**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**ACID FAST STAIN.KINYOUN**	**Cryptosporidiosis organism list**
414	**Cryptosporidiosis**	**6656-3**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**ACID FAST STAIN.KINYOUN MODIFIED**	**Cryptosporidiosis organism list**
415	**Cryptosporidiosis**	**6657-1**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**ACID FAST STAIN.ZIEHL-NEELSEN**	**Cryptosporidiosis organism list**
416	**Cryptosporidiosis**	**6473-3**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**TRICHROME STAIN**	**Cryptosporidiosis organism list**
417	**Cryptosporidiosis**	**6674-6**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**	**OVA AND PARASITE PREPARATION**	**Cryptosporidiosis organism list**
418	**Cryptosporidiosis**	**6471-7**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**TISS**	**QL**		**Cryptosporidiosis organism list**
419	**Cryptosporidiosis**	**11545-1**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**ACID FAST STAIN**	**Cryptosporidiosis organism list**
420	**Cryptosporidiosis**	**654-4**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**ACID FAST STAIN.KINYOUN**	**Cryptosporidiosis organism list**
421	**Cryptosporidiosis**	**655-1**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**ACID FAST STAIN.KINYOUN MODIFIED**	**Cryptosporidiosis organism list**
422	**Cryptosporidiosis**	**656-9**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**ACID FAST STAIN.ZIEHL-NEELSEN**	**Cryptosporidiosis organism list**
423	**Cryptosporidiosis**	**673-4**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**OVA AND PARASITE PREPARATION**	**Cryptosporidiosis organism list**
424	**Cryptosporidiosis**	**678-3**	**MICROSCOPIC OBSERVATION**	**PRID**	**PT**	**XXX**	**QL**	**TRICHROME STAIN**	**Cryptosporidiosis organism list**
425	Cryptosporidiosis	10701-1	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	CONCENTRATION	Cryptosporidiosis organism list
426	Cryptosporidiosis	10702-9	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	IMMUNE STAIN	Cryptosporidiosis organism list
427	Cryptosporidiosis	10703-7	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	KH STAIN	Cryptosporidiosis organism list
428	Cryptosporidiosis	10704-5	OVA+PARASITES IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.LIGHT	Cryptosporidiosis organism list
429									
430	Cyclospora	10850-6	CYCLOSPORA CYAETINESUS	ACNC	PT	XXX	SQ		Positive
431	Cyclospora	10659-1	CYCLOSPORA IDENTIFIED	PRID	PT	STL	QL	ACID FAST STAIN	Cyclospora organism list
432	Cyclospora	10356-4	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	TRICHROME STAIN	Cyclospora organism list
433	Cyclospora	9785-7	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	OVA AND PARASITE PREPARATION	Cyclospora organism list
434	Cyclospora	10701-1	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	CONCENTRATION	Cyclospora organism list
435	Cyclospora	10702-9	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	IMMUNE STAIN	Cyclospora organism list
436	Cyclospora	10703-7	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	KH STAIN	Cyclospora organism list
437	Cyclospora	10704-5	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.LIGHT	Cyclospora organism list
438									
439	Cysticercosis	9601-6	CYSTICERCUS 13KD AB	ACNC	PT	SER	SQ	IB	
440	Cysticercosis	9602-4	CYSTICERCUS 14KD AB	ACNC	PT	SER	SQ	IB	
441	Cysticercosis	9603-2	CYSTICERCUS 18KD AB	ACNC	PT	SER	SQ	IB	
442	Cysticercosis	9604-0	CYSTICERCUS 21KD AB	ACNC	PT	SER	SQ	IB	
443	Cysticercosis	9605-7	CYSTICERCUS 24KD AB	ACNC	PT	SER	SQ	IB	
444	Cysticercosis	9606-5	CYSTICERCUS 39-42KD AB	ACNC	PT	SER	SQ	IB	
445	Cysticercosis	9607-3	CYSTICERCUS 50KD AB	ACNC	PT	SER	SQ	IB	
446	Cysticercosis	9600-8	CYSTICERCUS AB	ACNC	PT	SER	SQ	IB	
447	Cysticercosis	7844-4	CYSTICERCUS AB.IGA	ACNC	PT	CSF	SQ		
448	Cysticercosis	7845-1	CYSTICERCUS AB.IGA	ACNC	PT	SER	SQ		
449	Cysticercosis	7846-9	CYSTICERCUS AB.IGG	ACNC	PT	CSF	SQ		
450	Cysticercosis	6373-5	CYSTICERCUS AB.IGG	ACNC	PT	CSF	SQ	IB	
451	Cysticercosis	6374-3	CYSTICERCUS AB.IGG	ACNC	PT	SER	SQ	IB	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
452	Cysticercosis	7847-7	CYSTICERCUS AB.IGG	ACNC	PT	SER	SQ		
453	Cysticercosis	7848-5	CYSTICERCUS AB.IGM	ACNC	PT	CSF	SQ		Positive
454	Cysticercosis	7849-3	CYSTICERCUS AB.IGM	ACNC	PT	SER	SQ		Positive
455	Cysticercosis	5120-1	CYSTICERCUS SP AB	ACNC	PT	SER	QN	HAI	
456	Cysticercosis	7850-1	CYSTICERCUS SP AB	ACNC	PT	SER	QN		
457	Cysticercosis	10671-6	HELMINTH IDENTIFIED	PRID	PT	XXX	QL		Cysticercosis organism list
458	Cysticercosis	10672-4	HELMINTH/ARTHROPOD IDENTIFIED	PRID	PT	XXX	QL		Cysticercosis organism list
459	Cysticercosis	5375-1	TAENIA SOLIUM AB	ACNC	PT	SER	QN	EIA	
460	Cysticercosis	8037-4	TAENIA SOLIUM AB	ACNC	PT	SER	QN		
461	Cysticercosis	10719-3	TAENIA SOLIUM AB	ACNC	PT	SER/PLAS	QN	IB	
462									
463	Cytomegalovirus	9514-1	CYTOMEGALOVIRUS AB	TITR	PT	CSF	QN	CF	
464	Cytomegalovirus	5121-9	CYTOMEGALOVIRUS AB	TITR	PT	PLAS	QN	LA	
465	Cytomegalovirus	5122-7	CYTOMEGALOVIRUS AB	ACNC	PT	SER	QN	ACIF	
466	Cytomegalovirus	7851-9	CYTOMEGALOVIRUS AB	ACNC	PT	SER	QN		
467	Cytomegalovirus	5123-5	CYTOMEGALOVIRUS AB	TITR	PT	SER	QN	LA	
468	Cytomegalovirus	9513-3	CYTOMEGALOVIRUS AB	TITR	PT	SER	QN	CF	
469	Cytomegalovirus	6921-1	CYTOMEGALOVIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	
470	Cytomegalovirus	11008-0	CYTOMEGALOVIRUS AB.IGG	TITR	PT	CSF	QN	IF	
471	Cytomegalovirus	5124-3	CYTOMEGALOVIRUS AB.IGG	ACNC	PT	SER	QN	EIA	
472	Cytomegalovirus	7852-7	CYTOMEGALOVIRUS AB.IGG	ACNC	PT	SER	QN		
473	Cytomegalovirus	5125-0	CYTOMEGALOVIRUS AB.IGG	TITR	PT	SER	QN	IF	
474	**Cytomegalovirus**	**13225-8**	**CYTOMEGALOVIRUS AB.IGG^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
475	**Cytomegalovirus**	**13226-6**	**CYTOMEGALOVIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
476	Cytomegalovirus	5126-8	CYTOMEGALOVIRUS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
477	Cytomegalovirus	7853-5	CYTOMEGALOVIRUS AB.IGM	ACNC	PT	SER	QN		Positive
478	Cytomegalovirus	5127-6	CYTOMEGALOVIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
479	Cytomegalovirus	6375-0	CYTOMEGALOVIRUS AG	ACNC	PT	BLD	SQN	EMIA	
480	Cytomegalovirus	6376-8	CYTOMEGALOVIRUS AG	ACNC	PT	SER	SQ	EIA	
481	Cytomegalovirus	6377-6	CYTOMEGALOVIRUS AG	ACNC	PT	SER	SQ	IF	
482	Cytomegalovirus	10660-9	CYTOMEGALOVIRUS AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
483	Cytomegalovirus	6378-4	CYTOMEGALOVIRUS AG	ACNC	PT	UR	SQN	EMIA	
484	Cytomegalovirus	6379-2	CYTOMEGALOVIRUS AG	ACNC	PT	XXX	SQ	EIA	Positive
485	Cytomegalovirus	6380-0	CYTOMEGALOVIRUS AG	ACNC	PT	XXX	SQN	EMIA	
486	Cytomegalovirus	6381-8	CYTOMEGALOVIRUS AG	ACNC	PT	XXX	SQ	IF	
487	Cytomegalovirus	4996-5	CYTOMEGALOVIRUS DNA	ACNC	PT	BLD	SQ	PCR/PROBE	Positive
488	Cytomegalovirus	4997-3	CYTOMEGALOVIRUS DNA	ACNC	PT	TISS	SQ	DNA PROBE	Positive
489	Cytomegalovirus	4998-1	CYTOMEGALOVIRUS DNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
490	Cytomegalovirus	4999-9	CYTOMEGALOVIRUS DNA	ACNC	PT	UR	SQ	PCR/PROBE	Positive
491	Cytomegalovirus	5000-5	CYTOMEGALOVIRUS DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
492	Cytomegalovirus	5835-4	CYTOMEGALOVIRUS IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Cytomegalovirus organism list
493	Cytomegalovirus	5836-2	CYTOMEGALOVIRUS IDENTIFIED	PRID	PT	TISS	QL	ORGANISM SPECIFIC CULTURE	Cytomegalovirus organism list
494	Cytomegalovirus	5837-0	CYTOMEGALOVIRUS IDENTIFIED	PRID	PT	UR	QL	ORGANISM SPECIFIC CULTURE	
495	Cytomegalovirus	5838-8	CYTOMEGALOVIRUS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Cytomegalovirus organism list
496	Cytomegalovirus	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Cytomegalovirus organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
497	Cytomegalovirus	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	
498	Cytomegalovirus	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Cytomegalovirus organism list
499	**Cytomegalovirus**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Cytomegalovirus organism list**
500									
501	Dengue fever	7855-0	DENGUE 1-4 VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
502	Dengue fever	7854-3	DENGUE 1 VIRUS AB	ACNC	PT	SER	SQ	EIA	
503	Dengue fever	7856-8	DENGUE 2 VIRUS AB	ACNC	PT	SER	SQ	EIA	
504	Dengue fever	7857-6	DENGUE 3 VIRUS AB	ACNC	PT	SER	SQ	EIA	
505	Dengue fever	7858-4	DENGUE 4 VIRUS AB	ACNC	PT	SER	SQ	EIA	
506	Dengue fever	6382-6	DENGUE VIRUS AB	ACNC	PT	SER	SQN		
507	Dengue fever	7859-2	DENGUE VIRUS AB	ACNC	PT	SER	QN		
508	Dengue fever	6383-4	DENGUE VIRUS AB	ACNC	PT	XXX	SQN		
509	Dengue fever	6811-4	DENGUE VIRUS AB.IGG	TITR	PT	SER	SQ		
510	Dengue fever	6812-2	DENGUE VIRUS AB.IGM	TITR	PT	SER	SQ		Positive
511	Dengue fever	6384-2	DENGUE VIRUS AG	ACNC	PT	SER	SQ	IF	Positive
512	Dengue fever	6385-9	DENGUE VIRUS AG	ACNC	PT	XXX	SQ	IF	Positive
513	Dengue fever	6386-7	DENGUE VIRUS DNA	ACNC	PT	SER	SQ	DNA/PROBE	Positive
514	Dengue fever	6387-5	DENGUE VIRUS DNA	ACNC	PT	XXX	SQ	DNA/PROBE	Positive
515	Dengue fever	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Dengue fever organism list
516	Dengue fever	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Dengue fever organism list
517	Dengue fever	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Dengue fever organism list
518	Dengue fever	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Dengue fever organism list
519	Dengue fever	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Dengue fever organism list
520	Dengue fever	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Dengue fever organism list
521	**Dengue fever**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Dengue fever organism list**
522									
523	Diphtheria	5115-1	CORYNEBACTERIUM DIPHTHERIA AB	ACNC	PT	SER	QN		
524	Diphtheria	5116-9	CORYNEBACTERIUM DIPHTHERIA AB	ACNC	PT	SER	QN	EIA	
525	Diphtheria	6596-1	DIPHTHERIA SP IDENTIFIED	PRID	PT	ISLT	QL	ORGANISM SPECIFIC CULTURE	Diphtheria organism list
526	Diphtheria	567-8	DIPHTHERIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Diphtheria organism list
527	Diphtheria	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Diphtheria organism list
528	Diphtheria	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Diphtheria organism list
529	Diphtheria	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Diphtheria organism list
530	Diphtheria	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Diphtheria organism list
531	Diphtheria	10353-1	MICROORGANISM IDENTIFIED	PRID	PT	NOS	QL	AEROBIC CULTURE	Diphtheria organism list
532	Diphtheria	620-5	MICROORGANISM IDENTIFIED	PRID	PT	SKN	QL	AEROBIC CULTURE	Diphtheria organism list
533	Diphtheria	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Diphtheria organism list
534	Diphtheria	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Diphtheria organism list
535	Diphtheria	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Diphtheria organism list
536	Diphtheria	6460-0	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	ROUTINE BACTERIAL CULTURE	Diphtheria organism list
537	Diphtheria	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Diphtheria organism list
538	Diphtheria	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Diphtheria organism list
539	Diphtheria	6462-6	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	ROUTINE BACTERIAL CULTURE	Diphtheria organism list
540	Diphtheria	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Diphtheria organism list
541	Diphtheria	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Diphtheria organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
542	Diphtheria	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Diphtheria organism list
543									
544	**Ebola**	**11581-6**	**EBOLA VIRUS AB**	**ACNC**	**PT**	**SER**	**QN**		
545	Ebola	7862-6	EBOLA VIRUS AB	TITR	PT	SER	QN	IF	
546	Ebola	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Ebola virus organism list
547	Ebola	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Ebola virus organism list
548	**Ebola**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Ebola virus organism list**
549									
550	Echinococciasis	5135-9	ECHINOCOCCUS SP AB	ACNC	PT	SER	QN	HAI	
551	Echinococciasis	6390-9	ECHINOCOCCUS SP AB	ACNC	PT	SER	QN	CF	
552	Echinococciasis	6391-7	ECHINOCOCCUS SP AB	ACNC	PT	SER	QN	EIA	
553	Echinococciasis	7863-4	ECHINOCOCCUS SP AB	ACNC	PT	SER	QN		
554	Echinococciasis	9656-0	ECHINOCOCCUS SP AB.IGG	ACNC	PT	SER	QN	EIA	
555	Echinococciasis	9657-8	ECHINOCOCCUS SP AB.IGM	ACNC	PT	SER	QN	EIA	Positive
556	Echinococciasis	10671-6	HELMINTH IDENTIFIED	PRID	PT	XXX	QL		Echinococciasis organism list
557	Echinococciasis	10672-4	HELMINTH/ARTHROPOD IDENTIFIED	PRID	PT	XXX	QL		Echinococciasis organism list
558	Echinococciasis	10683-1	HYDATID CYST IDENTIFIED	PRID	PT	ASP	QL	IMMUNE STAIN	Echinococciasis organism list
559	Echinococciasis	10684-9	HYDATID CYST IDENTIFIED	PRID	PT	LIVER	QL	WET PREPARATION	Echinococciasis organism list
560	Echinococciasis	10685-6	HYDATID CYST IDENTIFIED	PRID	PT	TLNG	QL	WET PREPARATION	Echinococciasis organism list
561	Echinococciasis	11474-4	HYDATID CYST IDENTIFIED	PRID	PT	XXX	QL	WET PREPARATION	Echinococciasis organism list
562									
563	Ehrlichiosis	6400-6	EHRLICHIA CANIS AB	ACNC	PT	SER	SQ	EIA	
564	Ehrlichiosis	7874-1	EHRLICHIA CANIS AB	ACNC	PT	SER	SQ		
565	**Ehrlichiosis**	**13195-3**	**EHRLICHIA CHAFFEENSIS AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
566	Ehrlichiosis	6401-4	EHRLICHIA CHAFFEENSIS AB.IGG	ACNC	PT	SER	SQ	EIA	
567	Ehrlichiosis	7875-8	EHRLICHIA CHAFFEENSIS AB.IGG	ACNC	PT	SER	QN	EIA	
568	Ehrlichiosis	9783-2	EHRLICHIA CHAFFEENSIS AB.IGG	TITR	PT	SER	QN		
569	Ehrlichiosis	6402-2	EHRLICHIA CHAFFEENSIS AB.IGM	ACNC	PT	SER	SQ	EIA	
570	Ehrlichiosis	7876-6	EHRLICHIA CHAFFEENSIS AB.IGM	ACNC	PT	SER	SQ		
571	Ehrlichiosis	9784-0	EHRLICHIA CHAFFEENSIS AB.IGM	TITR	PT	SER	QN		
572	Ehrlichiosis	6403-0	EHRLICHIA EQUI AB	ACNC	PT	SER	SQ	EIA	
573	Ehrlichiosis	7877-4	EHRLICHIA EQUI AB	ACNC	PT	SER	SQ		
574	Ehrlichiosis	6404-8	EHRLICHIA PHAGOCYTOPHILA AB	ACNC	PT	SER	SQ	EIA	
575	Ehrlichiosis	7878-2	EHRLICHIA PHAGOCYTOPHILA AB	ACNC	PT	SER	SQ		
576	Ehrlichiosis	6405-5	EHRLICHIA SP AB	ACNC	PT	SER	SQ	EIA	
577	Ehrlichiosis	7879-0	EHRLICHIA SP AB	ACNC	PT	SER	SQ		
578	**Ehrlichiosis**	**13196-1**	**EHRLICHIA SP AB.IGG**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
579	**Ehrlichiosis**	**13197-9**	**EHRLICHIA SP AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
580	Ehrlichiosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Ehrlichiosis organism list
581	Ehrlichiosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Ehrlichiosis organism list
582	Ehrlichiosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Ehrlichiosis organism list
583	Ehrlichiosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Ehrlichiosis organism list
584									
585	Endemic typhus	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Endemic typhus organism list
586	Endemic typhus	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Endemic typhus organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
587	Endemic typhus	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Endemic typhus organism list
588	Endemic typhus	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Endemic typhus organism list
589	Endemic typhus	8007-7	RICKETTSIA TYPHI AB.IGG	ACNC	PT	SER	QN		
590	Endemic typhus	5324-9	RICKETTSIA TYPHI AB.IGG	TITR	PT	SER	QN	IF	
591	Endemic typhus	8008-5	RICKETTSIA TYPHI AB.IGM	ACNC	PT	SER	QN		
592	Endemic typhus	5325-6	RICKETTSIA TYPHI AB.IGM	TITR	PT	SER	QN	IF	
593									
594	**Enterococcus, Vancomycin-resistant**	**13316-5**	**ENTEROCOCCUS B1025 VANCOMYCIN RESISTANT IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**		
595									
596	Epidemic typhus	6542-5	RICKETTSIA PROWAZEKII AB	ACNC	PT	SER	QN	CF	
597	Epidemic typhus	7995-4	RICKETTSIA PROWAZEKII AB	ACNC	PT	SER	QN		
598	Epidemic typhus	7996-2	RICKETTSIA PROWAZEKII RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
599	Epidemic typhus	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Epidemic typhus organism list
600	Epidemic typhus	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Epidemic typhus organism list
601	Epidemic typhus	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Epidemic typhus organism list
602	Epidemic typhus	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Epidemic typhus organism list
603									
604	**Escherichia coli O157:H7**	**12276-2**	**ESCHERICHIA COLI O157 H7 IDENTIFIED**	**PRID**	**PT**	**STL**	**QL**		
605	Escherichia coli O157:H7 infection	10851-4	ESCHERICHIA COLI O157:H7	ACNC	PT	STL	SQ	ORGANISM SPECIFIC CULTURE	Positive
606	Escherichia coli O157:H7 infection	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Esherichia coli O157:H7 organism list
607	Escherichia coli O157:H7 infection	6574-8	VEROTOXIN 1	PRID	PT	STL	QL		
608	Escherichia coli O157:H7 infection	6575-5	VEROTOXIN 1 AB	TITR	PT	STL	QN	NEUT	
609	Escherichia coli O157:H7 infection	6576-3	VEROTOXIN 2	PRID	PT	STL	QL		
610	Escherichia coli O157:H7 infection	6577-1	VEROTOXIN 2 AB	TITR	PT	STL	QN	NEUT	
611									
612	Fifth's disease	6517-7	PARVOVIRUS AB.IGM	ACNC	PT	SER	SQ	IB	Positive
613	Fifth's disease	7981-4	PARVOVIRUS AB.IGM	ACNC	PT	SER	SQ		Positive
614	Fifth's disease	5272-0	PARVOVIRUS B19 AB	ACNC	PT	SER	QN	EIA	
615	Fifth's disease	7982-2	PARVOVIRUS B19 AB	ACNC	PT	SER	QN		
616	Fifth's disease	5273-8	PARVOVIRUS B19 AB.IGG	ACNC	PT	SER	QN	EIA	
617	Fifth's disease	7983-0	PARVOVIRUS B19 AB.IGG	ACNC	PT	SER	QN		
618	Fifth's disease	5274-6	PARVOVIRUS B19 AB.IGM	ACNC	PT	SER	QN	EIA	Positive
619	Fifth's disease	7984-8	PARVOVIRUS B19 AB.IGM	ACNC	PT	SER	QN		Positive
620	Fifth's disease	9572-9	PARVOVIRUS B19 DNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
621	Fifth's disease	9571-1	PARVOVIRUS B19 DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
622	Fifth's disease	5030-2	PARVOVIRUS B19 RNA	ACNC	PT	BLD	SQ	PCR/PROBE	Positive
623	Fifth's disease	5031-0	PARVOVIRUS B19 RNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
624	Fifth's disease	5032-8	PARVOVIRUS B19 RNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
625	Fifth's disease	11484-3	VIRUS IDENTIFIED	PRID	PT	AMN	QL	VIRUS CULTURE	Fifth's disease organism list
626	Fifth's disease	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Fifth's disease organism list
627	Fifth's disease	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Fifth's disease organism list
628	Fifth's disease	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Fifth's disease organism list
629	Fifth's disease	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Fifth's disease organism list
630	**Fifth's disease**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Fifth's disease organism list**

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
631									
632	Filariasis	6606-8	BRUGIA MALAYI AB	ACNC	PT	SER	SQ	EIA	
633	Filariasis	7819-6	BRUGIA MALAYI AB	ACNC	PT	SER	SQ		
634	**Filariasis**	**13244-9**	**FILARIA AB.IGG**	**ACNC**	**PT**	**SER/PLA**	**QN**		
635	**Filariasis**	**13245-6**	**FILARIA AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**QN**		
636	Filariasis	10671-6	HELMINTH IDENTIFIED	PRID	PT	XXX	QL		Filariasis organism list
637	Filariasis	10672-4	HELMINTH/ARTHROPOD IDENTIFIED	PRID	PT	XXX	QL		Filariasis organism list
638									
639	**Genital warts**	**12222-6**	**HUMAN PAPILLOMA VIRUS AG**	**ACNC**	**PT**	**GEN**	**SQ**	**ICMA**	
640	**Genital warts**	**12223-4**	**HUMAN PAPILLOMA VIRUS AG.SUBTYPE 16/18**	**ACNC**	**PT**	**GEN**	**SQ**	**ICMA**	
641	Genital warts	6510-2	PAPILLOMA VIRUS AB	ACNC	PT	GEN	SQ	EIA	
642	Genital warts	7975-6	PAPILLOMA VIRUS AB	ACNC	PT	GEN	SQ		
643	Genital warts	6511-0	PAPILLOMA VIRUS AB	ACNC	PT	GEN	SQ	IB	
644	Genital warts	6513-6	PAPILLOMA VIRUS AB	ACNC	PT	TISS	SQ	IB	
645	Genital warts	6512-8	PAPILLOMA VIRUS AB	ACNC	PT	TISS	SQ	EIA	
646	**Genital warts**	**13321-5**	**PAPILLOMA VIRUS AB.IGG**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
647	**Genital warts**	**13322-3**	**PAPILLOMA VIRUS AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
648	Genital warts	10705-2	PAPILLOMA VIRUS AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
649	Genital warts	11083-3	PAPILLOMA VIRUS IDENTIFIED	PRID	PT	CVX	QL		Genital warts organism list
650	Genital warts	11481-9	PAPILLOMA VIRUS IDENTIFIED	PRID	PT	XXX	QL		Genital warts organism list
651	Genital warts	6514-4	PAPILLOMA VIRUS RRNA	ACNC	PT	GEN	SQ	PCR/PROBE	Positive
652	Genital warts	6515-1	PAPILLOMA VIRUS RRNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
653	Genital warts	6516-9	PAPILLOMA VIRUS RRNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
654	Genital warts	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Genital warts organism list
655	Genital warts	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Genital warts organism list
656	Genital warts	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Genital warts organism list
657	**Genital warts**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Genital warts organism list**
658									
659	Giardiasis	5169-8	GIARDIA LAMBLIA AB	ACNC	PT	SER	QN		
660	Giardiasis	9524-0	GIARDIA LAMBLIA AB	TITR	PT	SER	QN	IF	Not reportable
661	Giardiasis	9658-6	GIARDIA LAMBLIA AB.IGA	ACNC	PT	SER	QN		
662	Giardiasis	6411-3	GIARDIA LAMBLIA AB.IGG	TITR	PT	SER	QN	IF	Not reportable
663	Giardiasis	7891-5	GIARDIA LAMBLIA AB.IGG	ACNC	PT	SER	QN		
664	Giardiasis	7892-3	GIARDIA LAMBLIA AB.IGM	ACNC	PT	SER	QN		
665	Giardiasis	6412-1	GIARDIA LAMBLIA AG	ACNC	PT	STL	SQ	EIA	Positive
666	Giardiasis	6413-9	GIARDIA LAMBLIA AG	ACNC	PT	XXX	SQ	EIA	Positive
667	Giardiasis	10670-8	GIARDIA SP IDENTIFIED	PRID	PT	STL	QL	ORGANISM SPECIFIC CULTURE	Giardiasis organism list
668	Giardiasis	6470-9	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	WET PREPARATION	Giardiasis organism list
669	Giardiasis	9785-7	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	OVA AND PARASITE PREPARATION	Giardiasis organism list
670	Giardiasis	10356-4	MICROSCOPIC OBSERVATION	PRID	PT	STL	QL	TRICHROME STAIN	Giardiasis organism list
671	Giardiasis	10701-1	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	CONCENTRATION	Giardiasis organism list
672	Giardiasis	10702-9	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	IMMUNE STAIN	Giardiasis organism list
673	Giardiasis	10703-7	OVA AND PARASITES IDENTIFIED	PRID	PT	STL	QL	KH STAIN	Giardiasis organism list
674	Giardiasis	10704-5	OVA+PARASITES IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.LIGHT	Giardiasis organism list
675									

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
676	Gonorrhea	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Gonorrhoeae organism list
677	Gonorrhea	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Gonorrhoeae organism list
678	Gonorrhea	609-8	MICROORGANISM IDENTIFIED	PRID	PT	EYE	QL	AEROBIC CULTURE	Gonorrhoeae organism list
679	Gonorrhea	10352-3	MICROORGANISM IDENTIFIED	PRID	PT	GEN	QL	AEROBIC CULTURE	Gonorrhoeae organism list
680	Gonorrhea	620-5	MICROORGANISM IDENTIFIED	PRID	PT	SKN	QL	AEROBIC CULTURE	Gonorrhoeae organism list
681	Gonorrhea	621-3	MICROORGANISM IDENTIFIED	PRID	PT	SNV	QL	STERILE BODY FLUID CULTURE	Gonorrhoeae organism list
682	Gonorrhea	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Gonorrhoeae organism list
683	Gonorrhea	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Gonorrhoeae organism list
684	Gonorrhea	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Gonorrhoeae organism list
685	Gonorrhea	6464-2	MICROSCOPIC OBSERVATION	PRID	PT	CVX	QL	GRAM STAIN	Gonorrhoeae organism list
686	Gonorrhea	6467-5	MICROSCOPIC OBSERVATION	PRID	PT	GENF	QL	GRAM STAIN	Gonorrhoeae organism list
687	Gonorrhea	10856-3	MICROSCOPIC OBSERVATION	PRID	PT	GENM	QL	GRAM STAIN	Gonorrhoeae organism list
688	Gonorrhea	664-3	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	GRAM STAIN	Gonorrhoeae organism list
689	Gonorrhea	688-2	NEISSERIA GONORRHOEAE	ACNC	PT	CVX	SQ	ORGANISM SPECIFIC CULTURE	Positive
690	Gonorrhea	690-8	NEISSERIA GONORRHOEAE	ACNC	PT	ENDM	SQ	ORGANISM SPECIFIC CULTURE	Positive
691	Gonorrhea	691-6	NEISSERIA GONORRHOEAE	ACNC	PT	GEN	SQ	ORGANISM SPECIFIC CULTURE	Positive
692	Gonorrhea	692-4	NEISSERIA GONORRHOEAE	ACNC	PT	GENL	SQ	ORGANISM SPECIFIC CULTURE	Positive
693	Gonorrhea	693-2	NEISSERIA GONORRHOEAE	ACNC	PT	GENV	SQ	ORGANISM SPECIFIC CULTURE	Positive
694	Gonorrhea	694-0	NEISSERIA GONORRHOEAE	ACNC	PT	SMN	SQ	ORGANISM SPECIFIC CULTURE	Positive
695	Gonorrhea	695-7	NEISSERIA GONORRHOEAE	ACNC	PT	SNV	SQ	ORGANISM SPECIFIC CULTURE	Positive
696	Gonorrhea	696-5	NEISSERIA GONORRHOEAE	ACNC	PT	THRT	SQ	ORGANISM SPECIFIC CULTURE	Positive
697	Gonorrhea	697-3	NEISSERIA GONORRHOEAE	ACNC	PT	URTH	SQ	ORGANISM SPECIFIC CULTURE	Positive
698	Gonorrhea	698-1	NEISSERIA GONORRHOEAE	ACNC	PT	XXX	SQ	ORGANISM SPECIFIC CULTURE	Positive
699	Gonorrhea	5261-3	NEISSERIA GONORRHOEAE AB	ACNC	PT	SER	QN		Not reportable
700	Gonorrhea	9568-7	NEISSERIA GONORRHOEAE AB	TITR	PT	SER	QN	CF	Not reportable
701	Gonorrhea	6487-3	NEISSERIA GONORRHOEAE AG	ACNC	PT	GEN	SQ	EIA	Positive
702	Gonorrhea	6488-1	NEISSERIA GONORRHOEAE AG	ACNC	PT	GEN	SQ	IF	Positive
703	Gonorrhea	6489-9	NEISSERIA GONORRHOEAE AG	ACNC	PT	GEN	SQ	LA	Positive
704	Gonorrhea	6490-7	NEISSERIA GONORRHOEAE AG	ACNC	PT	URTH	SQ		Positive
705	Gonorrhea	5028-6	NEISSERIA GONORRHOEAE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
706									
707	Granuloma inguinale	6595-3	CALYMMATOBACTERIUM GRANULOMATIS IDENTIFIED	PRID	PT	ISLT	QL	ORGANISM SPECIFIC CULTURE	Granuloma inguinale organism list
708	Granuloma inguinale	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Granuloma inguinale organism list
709	Granuloma inguinale	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Granuloma inguinale organism list
710									
711	Haemophilus influenzae	5178-9	HAEMOPHILUS INFLUENZAE AB	ACNC	PT	SER	QN	EIA	Not reportable
712	Haemophilus influenzae	7894-9	HAEMOPHILUS INFLUENZAE AB	ACNC	PT	SER	QN		Not reportable
713	Haemophilus influenzae	5006-2	HAEMOPHILUS INFLUENZAE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
714	Haemophilus influenzae	6610-0	HAEMOPHILUS INFLUENZAE TYPE A AG	ACNC	PT	CSF	SQ	IF	Positive
715	Haemophilus influenzae	6414-7	HAEMOPHILUS INFLUENZAE TYPE A AG	ACNC	PT	XXX	SQ	IF	Positive
716	**Haemophilus influenzae**	**13246-4**	**HAEMOPHILUS INFLUENZAE TYPE B AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
717	Haemophilus influenzae	6611-8	HAEMOPHILUS INFLUENZAE TYPE B AG	ACNC	PT	CSF	SQ	IF	Positive
718	Haemophilus influenzae	6599-5	HAEMOPHILUS INFLUENZAE TYPE B AG	ACNC	PT	XXX	SQ	IF	Positive
719	Haemophilus influenzae	6612-6	HAEMOPHILUS INFLUENZAE TYPE C AG	ACNC	PT	CSF	SQ	IF	Positive
720	Haemophilus influenzae	8271-9	HAEMOPHILUS INFLUENZAE TYPE C AG	ACNC	PT	XXX	SQ	IF	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
721	Haemophilus influenzae	6613-4	HAEMOPHILUS INFLUENZAE TYPE D AG	ACNC	PT	CSF	SQ	IF	Positive
722	Haemophilus influenzae	6416-2	HAEMOPHILUS INFLUENZAE TYPE D AG	ACNC	PT	XXX	SQ	IF	Positive
723	Haemophilus influenzae	6614-2	HAEMOPHILUS INFLUENZAE TYPE E AG	ACNC	PT	CSF	SQ	IF	Positive
724	Haemophilus influenzae	6417-0	HAEMOPHILUS INFLUENZAE TYPE E AG	ACNC	PT	XXX	SQ	IF	Positive
725	Haemophilus influenzae	6615-9	HAEMOPHILUS INFLUENZAE TYPE F AG	ACNC	PT	CSF	SQ	IF	Positive
726	Haemophilus influenzae	6418-8	HAEMOPHILUS INFLUENZAE TYPE F AG	ACNC	PT	XXX	SQ	IF	Positive
727	Haemophilus influenzae	6600-1	HAEMOPHILUS SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Haemophilus influenzae organism list
728	Haemophilus influenzae	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
729	Haemophilus influenzae	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Haemophilus influenzae organism list
730	Haemophilus influenzae	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
731	Haemophilus influenzae	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
732	Haemophilus influenzae	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Haemophilus influenzae organism list
733	Haemophilus influenzae	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
734	Haemophilus influenzae	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Haemophilus influenzae organism list
735	Haemophilus influenzae	10353-1	MICROORGANISM IDENTIFIED	PRID	PT	NOS	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
736	Haemophilus influenzae	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Not reportable
737	Haemophilus influenzae	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Not reportable
738	Haemophilus influenzae	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Not reportable
739	Haemophilus influenzae	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Not reportable
740	Haemophilus influenzae	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Haemophilus influenzae organism list
741	Haemophilus influenzae	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Haemophilus influenzae organism list
742									
743	Hantavirus	7895-6	HANTAVIRUS HANTAAN AB.IGG	ACNC	PT	SER	QN		
744	Hantavirus	7896-4	HANTAVIRUS HANTAAN AB.IGM	ACNC	PT	SER	QN		Positive
745	**Hantavirus**	**13289-4**	**HANTAVIRUS HANTAAN AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
746	Hantavirus	7897-2	HANTAVIRUS PUUMALA AB.IGG	ACNC	PT	SER	QN		
747	Hantavirus	7898-0	HANTAVIRUS PUUMALA AB.IGM	ACNC	PT	SER	QN		Positive
748	Hantavirus	7899-8	HANTAVIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
749	Hantavirus	5046-8	HANTAVIRUS SP AB	ACNC	PT	SER	QN		
750	Hantavirus	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Hantavirus organism list
751	Hantavirus	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Hantavirus organism list
752	Hantavirus	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Hantavirus organism list
753	**Hantavirus**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hantavirus organism list**
754									
755	Hepatitis A	5179-7	HEPATITIS A VIRUS AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
756	Hepatitis A	5180-5	HEPATITIS A VIRUS AB.IGG	ACNC	PT	SER	QN	RIA	Not reportable
757	Hepatitis A	5181-3	HEPATITIS A VIRUS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
758	Hepatitis A	5182-1	HEPATITIS A VIRUS AB.IGM	ACNC	PT	SER	QN	RIA	Positive
759	Hepatitis A	5183-9	HEPATITIS A VIRUS AB.TOTAL	ACNC	PT	SER	QN	EIA	Not reportable
760	Hepatitis A	5184-7	HEPATITIS A VIRUS AB.TOTAL	ACNC	PT	SER	QN	RIA	Not reportable
761	Hepatitis A	7904-6	HEPATITIS A VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
762	Hepatitis A	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Hepatitis A organism list
763	Hepatitis A	10737-5	VIRUS IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.ELECTRON	
764	Hepatitis A	5886-7	VIRUS IDENTIFIED	PRID	PT	STL	QL	VIRUS CULTURE	
765	Hepatitis A	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Hepatitis A organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
766	**Hepatitis A**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hepatitis A organism list**
767									
768	Hepatitis B	10673-2	HEPATITIS B CORE AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
769	Hepatitis B	10674-0	HEPATITIS B SURFACE AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
770	Hepatitis B	10675-7	HEPATITIS B SURFACE AG	PRID	PT	TISS	QL	ORCEIN STAIN	Positive
771	Hepatitis B	5185-4	HEPATITIS B VIRUS CORE AB.IGM	ACNC	PT	SER	QN	EIA	Positive
772	Hepatitis B	5186-2	HEPATITIS B VIRUS CORE AB.IGM	ACNC	PT	SER	QN	RIA	Positive
773	Hepatitis B	5187-0	HEPATITIS B VIRUS CORE AB.TOTAL	ACNC	PT	SER	QN	EIA	Not reportable
774	Hepatitis B	5188-8	HEPATITIS B VIRUS CORE AB.TOTAL	ACNC	PT	SER	QN	RIA	Not reportable
775	Hepatitis B	5007-0	HEPATITIS B VIRUS DNA	ACNC	PT	BLD	SQ	PCR/PROBE	Positive
776	**Hepatitis B**	**13126-8**	**HEPATITIS B VIRUS DNA**	**ACNC**	**PT**	**BLD**	**SQ**	**IB**	
777	Hepatitis B	5008-8	HEPATITIS B VIRUS DNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
778	Hepatitis B	5009-6	HEPATITIS B VIRUS DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
779	Hepatitis B	5189-6	HEPATITIS B VIRUS LITTLE E AB	ACNC	PT	SER	QN	EIA	Not reportable
780	Hepatitis B	5190-4	HEPATITIS B VIRUS LITTLE E AB	ACNC	PT	SER	QN	RIA	Not reportable
781	Hepatitis B	5191-2	HEPATITIS B VIRUS LITTLE E AG	ACNC	PT	SER	QN	EIA	Positive
782	Hepatitis B	5192-0	HEPATITIS B VIRUS LITTLE E AG	ACNC	PT	SER	SQ	RIA	Positive
783	Hepatitis B	6421-2	HEPATITIS B VIRUS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
784	Hepatitis B	10900-9	HEPATITIS B VIRUS SURFACE AB	ACNC	PT	SER	SQ	EIA	Not reportable
785	Hepatitis B	5193-8	HEPATITIS B VIRUS SURFACE AB	ACNC	PT	SER	QN	EIA	Not reportable
786	Hepatitis B	5194-6	HEPATITIS B VIRUS SURFACE AB	ACNC	PT	SER	QN	RIA	Not reportable
787	Hepatitis B	5195-3	HEPATITIS B VIRUS SURFACE AG	ACNC	PT	SER	SQ		Positive
788	Hepatitis B	5196-1	HEPATITIS B VIRUS SURFACE AG	ACNC	PT	SER	SQ	EIA	Positive
789	Hepatitis B	5197-9	HEPATITIS B VIRUS SURFACE AG	ACNC	PT	SER	SQ	RIA	Positive
790	Hepatitis B	7905-3	HEPATITIS B VIRUS SURFACE AG	ACNC	PT	SER	SQ	NEUT	Positive
791	Hepatitis B	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Hepatitis B organism list
792	Hepatitis B	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Hepatitis B organism list
793	**Hepatitis B**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hepatitis B organism list**
794									
795	Hepatitis C	9608-1	HEPATITIS C VIRUS 100-3 AB	ACNC	PT	SER/PLAS	SQ	IB	
796	Hepatitis C	9609-9	HEPATITIS C VIRUS 22-3 AB	ACNC	PT	SER/PLAS	SQ	IB	
797	Hepatitis C	9610-7	HEPATITIS C VIRUS 33C AB+B57+B139	ACNC	PT	SER/PLAS	SQ	IB	
798	Hepatitis C	11076-7	HEPATITIS C VIRUS 5-1-1 AB	ACNC	PT	SER/PLAS	SQ	IB	
799	Hepatitis C	5198-7	HEPATITIS C VIRUS AB	ACNC	PT	SER	QN	EIA	
800	Hepatitis C	5199-5	HEPATITIS C VIRUS AB	ACNC	PT	SER	SQ	IB	
801	Hepatitis C	11077-5	HEPATITIS C VIRUS AB.SUPEROXIDE DISMUTASE	ACNC	PT	SER/PLAS	SQ	IB	
802	**Hepatitis C**	**13125-0**	**HEPATITIS C VIRUS C33C AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
803	Hepatitis C	5010-4	HEPATITIS C VIRUS RNA	ACNC	PT	BLD	SQ	PCR/PROBE	
804	Hepatitis C	10676-5	HEPATITIS C VIRUS RNA	ACNC	PT	SER	QN	AMP/PROBE	
805	Hepatitis C	11011-4	HEPATITIS C VIRUS RNA	ACNC	PT	SER	QN	PCR	
806	Hepatitis C	5011-2	HEPATITIS C VIRUS RNA	ACNC	PT	TISS	SQ	PCR/PROBE	
807	Hepatitis C	5012-0	HEPATITIS C VIRUS RNA	ACNC	PT	XXX	SQ	PCR/PROBE	
808	Hepatitis C	6422-0	HEPATITIS C VIRUS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	
809	Hepatitis C	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Hepatitis C organism list
810	**Hepatitis C**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hepatitis C organism list**

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
811									
812	Hepatitis D	9526-5	HEPATITIS D AG	ACNC	PT	SER	SQN	EIA	Positive
813	Hepatitis D	5200-1	HEPATITIS D VIRUS AB	ACNC	PT	SER	QN	EIA	Not reportable
814	Hepatitis D	5201-9	HEPATITIS D VIRUS AB	ACNC	PT	SER	QN	RIA	Not reportable
815	**Hepatitis D**	**13248-0**	**HEPATITIS D VIRUS AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
816	Hepatitis D	9525-7	HEPATITIS D VIRUS AB.IGM	ACNC	PT	SER	SQN		Positive
817	Hepatitis D	7906-1	HEPATITIS D VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
818	Hepatitis D	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Hepatitis D organism list
819	**Hepatitis D**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hepatitis D organism list**
820									
821	**Hepatitis E**	**13294-4**	**HEPATITIS E AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
822	**Hepatitis E**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Hepaitis E organism list**
823									
824	Herpes simplex	9454-0	HERPES SIMPLEX VIRUS AB	TITR	PT	CSF	QN	CF	Not reportable
825	Herpes simplex	5202-7	HERPES SIMPLEX VIRUS AB	ACNC	PT	SER	QN	EIA	Not reportable
826	Herpes simplex	5203-5	HERPES SIMPLEX VIRUS AB	ACNC	PT	SER	QN	LA	Not reportable
827	Herpes simplex	7907-9	HERPES SIMPLEX VIRUS AB	ACNC	PT	SER	QN		Not reportable
828	Herpes simplex	5204-3	HERPES SIMPLEX VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
829	Herpes simplex	9659-4	HERPES SIMPLEX VIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	Not reportable
830	Herpes simplex	9422-7	HERPES SIMPLEX VIRUS AB.IGG	ACNC	PT	SER	QN		Not reportable
831	Herpes simplex	10350-7	HERPES SIMPLEX VIRUS AB.IGM	TITR	PT	SER	QN	EIA	
832	Herpes simplex	5850-3	HERPES SIMPLEX VIRUS AG	ACNC	PT	GEN	SQ	EIA	
833	Herpes simplex	5851-1	HERPES SIMPLEX VIRUS AG	ACNC	PT	GEN	SQ	IF	
834	Herpes simplex	5852-9	HERPES SIMPLEX VIRUS AG	ACNC	PT	SKN	SQ	EIA	
835	Herpes simplex	5853-7	HERPES SIMPLEX VIRUS AG	ACNC	PT	SKN	SQ	IF	
836	Herpes simplex	5854-5	HERPES SIMPLEX VIRUS AG	ACNC	PT	XXX	SQ	EIA	
837	Herpes simplex	5855-2	HERPES SIMPLEX VIRUS AG	ACNC	PT	XXX	SQ	IF	
838	Herpes simplex	5013-8	HERPES SIMPLEX VIRUS DNA	ACNC	PT	CSF	SQ	PCR/PROBE	
839	Herpes simplex	5014-6	HERPES SIMPLEX VIRUS DNA	ACNC	PT	XXX	SQ	PCR/PROBE	
840	Herpes simplex	10680-7	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Herpes simplex organism list
841	Herpes simplex	5856-0	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Herpes simplex organism list
842	Herpes simplex	5857-8	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	ISLT	QL	IF	Herpes simplex organism list
843	Herpes simplex	5858-6	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	SKN	QL	ORGANISM SPECIFIC CULTURE	Herpes simplex organism list
844	Herpes simplex	10681-5	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Herpes simplex organism list
845	Herpes simplex	5859-4	HERPES SIMPLEX VIRUS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Herpes simplex organism list
846	Herpes simplex	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Herpes simplex organism list
847	Herpes simplex	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Herpes simplex organism list
848	Herpes simplex	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Herpes simplex organism list
849	Herpes simplex	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Herpes simplex organism list
850	Herpes simplex	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Herpes simplex organism list
851	Herpes simplex	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Herpes simplex organism list
852	**Herpes simplex**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Herpes simplex organism list**
853									
854	Herpes simplex type 1	5844-6	HERPES SIMPLEX TYPE 1 VIRUS AG	ACNC	PT	GEN	SQ	IF	Positive
855	Herpes simplex type 1	5845-3	HERPES SIMPLEX TYPE 1 VIRUS AG	ACNC	PT	SKN	SQ	IF	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
856	Herpes simplex type 1	10677-3	HERPES SIMPLEX TYPE 1 VIRUS AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
857	Herpes simplex type 1	5846-1	HERPES SIMPLEX TYPE 1 VIRUS AG	ACNC	PT	XXX	SQ	IF	Positive
858	Herpes simplex type 1	10678-1	HERPES SIMPLEX TYPE 1+TYPE 2 VIRUS AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
859	Herpes simplex type 1	5205-0	HERPES SIMPLEX VIRUS TYPE 1 AB	ACNC	PT	SER	QN	EIA	Not reportable
860	Herpes simplex type 1	7908-7	HERPES SIMPLEX VIRUS TYPE 1 AB	ACNC	PT	SER	QN		Not reportable
861	**Herpes simplex type 1**	**13324-9**	**HERPES SIMPLEX VIRUS TYPE 1 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**	**ACIF**	
862	Herpes simplex type 1	5206-8	HERPES SIMPLEX VIRUS TYPE 1 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
863	Herpes simplex type 1	7909-5	HERPES SIMPLEX VIRUS TYPE 1 AB.IGG	ACNC	PT	SER	QN		Not reportable
864	**Herpes simplex type 1**	**13251-4**	**HERPES SIMPLEX VIRUS TYPE 1 AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
865	Herpes simplex type 1	5207-6	HERPES SIMPLEX VIRUS TYPE 1 AB.IGM	ACNC	PT	SER	QN	EIA	
866	Herpes simplex type 1	7910-3	HERPES SIMPLEX VIRUS TYPE 1 AB.IGM	ACNC	PT	SER	QN		
867	**Herpes simplex type 1**	**13505-3**	**HERPES SIMPLEX VIRUS TYPE 1+2 AB PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**		
868	**Herpes simplex type 1**	**13249-8**	**HERPES SIMPLEX VIRUS TYPE 1+2 AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
869	Herpes simplex type 1	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Herpes simplex type 1 organism list
870	Herpes simplex type 1	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Herpes simplex type 1 organism list
871	Herpes simplex type 1	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Herpes simplex type 1 organism list
872	Herpes simplex type 1	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Herpes simplex type 1 organism list
873	Herpes simplex type 1	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Herpes simplex type 1 organism list
874	Herpes simplex type 1	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Herpes simplex type 1 organism list
875	**Herpes simplex type 1**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Herpes simplex type 1 organism list**
876									
877	Herpes simplex type 2	10678-1	HERPES SIMPLEX TYPE 1+TYPE 2 VIRUS AG	ACNC	PT	TISS	SQ	IMMUNE STAIN	Positive
878	Herpes simplex type 2	5847-9	HERPES SIMPLEX TYPE 2 VIRUS AG	ACNC	PT	GEN	SQ	IF	Positive
879	Herpes simplex type 2	5848-7	HERPES SIMPLEX TYPE 2 VIRUS AG	ACNC	PT	SKN	SQ	IF	Positive
880	Herpes simplex type 2	5849-5	HERPES SIMPLEX TYPE 2 VIRUS AG	ACNC	PT	XXX	SQ	IF	Positive
881	**Herpes simplex type 2**	**13505-3**	**HERPES SIMPLEX VIRUS TYPE 1+2 AB PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**		
882	**Herpes simplex type 2**	**13249-8**	**HERPES SIMPLEX VIRUS TYPE 1+2 AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
883	Herpes simplex type 2	5208-4	HERPES SIMPLEX VIRUS TYPE 2 AB	ACNC	PT	SER	QN	EIA	Not reportable
884	Herpes simplex type 2	7911-1	HERPES SIMPLEX VIRUS TYPE 2 AB	ACNC	PT	SER	QN		Not reportable
885	**Herpes simplex type 2**	**13323-1**	**HERPES SIMPLEX VIRUS TYPE 2 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
886	**Herpes simplex type 2**	**13501-2**	**HERPES SIMPLEX VIRUS TYPE 2 AB PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**		
887	Herpes simplex type 2	5209-2	HERPES SIMPLEX VIRUS TYPE 2 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
888	Herpes simplex type 2	7912-9	HERPES SIMPLEX VIRUS TYPE 2 AB.IGG	ACNC	PT	SER	QN		Not reportable
889	**Herpes simplex type 2**	**13252-2**	**HERPES SIMPLEX VIRUS TYPE 2 AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
890	Herpes simplex type 2	5210-0	HERPES SIMPLEX VIRUS TYPE 2 AB.IGM	ACNC	PT	SER	QN	EIA	
891	Herpes simplex type 2	7913-7	HERPES SIMPLEX VIRUS TYPE 2 AB.IGM	ACNC	PT	SER	QN		
892	Herpes simplex type 2	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Herpes simplex type 2 organism list
893	Herpes simplex type 2	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Herpes simplex type 2 organism list
894	Herpes simplex type 2	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Herpes simplex type 2 organism list
895	Herpes simplex type 2	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Herpes simplex type 2 organism list
896	Herpes simplex type 2	5888-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	VIRUS CULTURE	Herpes simplex type 2 organism list
897	Herpes simplex type 2	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Herpes simplex type 2 organism list
898	**Herpes simplex type 2**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Herpes simplex type 2 organism list**
899									
900	Histoplasmosis	10852-2	FUNGUS IDENTIFIED	PRID	PT	BLD	QL	ROUTINE FUNGAL CULTURE	HIstoplasmosis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
901	Histoplasmosis	572-8	FUNGUS IDENTIFIED	PRID	PT	MAR	QL	ROUTINE FUNGAL CULTURE	HIstoplasmosis organism list
902	Histoplasmosis	577-7	FUNGUS IDENTIFIED	PRID	PT	SPT	QL	ROUTINE FUNGAL CULTURE	HIstoplasmosis organism list
903	Histoplasmosis	6409-7	FUNGUS IDENTIFIED	PRID	PT	SPTT	QL	ROUTINE FUNGAL CULTURE	HIstoplasmosis organism list
904	Histoplasmosis	580-1	FUNGUS IDENTIFIED	PRID	PT	XXX	QL	ROUTINE FUNGAL CULTURE	
905	Histoplasmosis	5218-3	HISTOPLASMA CAPSULATUM AB	ACNC	PT	SER	SQ	ID	
906	Histoplasmosis	6426-1	HISTOPLASMA CAPSULATUM AB	ACNC	PT	SER	QN	EIA	
907	Histoplasmosis	6427-9	HISTOPLASMA CAPSULATUM AB	ACNC	PT	SER	SQ	LA	
908	Histoplasmosis	7916-0	HISTOPLASMA CAPSULATUM AB	ACNC	PT	SER	QN		
909	Histoplasmosis	5219-1	HISTOPLASMA CAPSULATUM AB	TITR	PT	SER	QN	CF	
910	Histoplasmosis	9528-1	HISTOPLASMA CAPSULATUM AB.IGA	ACNC	PT	SER	QN	EIA	
911	Histoplasmosis	9529-9	HISTOPLASMA CAPSULATUM AB.IGG	ACNC	PT	SER	QN	EIA	
912	Histoplasmosis	9530-7	HISTOPLASMA CAPSULATUM AB.IGM	ACNC	PT	SER	QN	EIA	
913	Histoplasmosis	6428-7	HISTOPLASMA CAPSULATUM AG	ACNC	PT	SER	QN	EIA	
914	Histoplasmosis	5015-3	HISTOPLASMA CAPSULATUM DNA	ACNC	PT	XXX	SQ	PCR/PROBE	
915	**Histoplasmosis**	**12456-0**	**HISTOPLASMA CAPSULATUM MYCELIAL AB**	**ACNC**	**PT**	**CSF**	**SQ**		
916	Histoplasmosis	6816-3	HISTOPLASMA CAPSULATUM MYCELIAL AB	ACNC	PT	SER	SQ		
917	Histoplasmosis	5016-1	HISTOPLASMA CAPSULATUM RRNA	ACNC	PT	XXX	SQ	DNA PROBE	
918	**Histoplasmosis**	**12455-2**	**HISTOPLASMA CAPSULATUM YEAST AB**	**ACNC**	**PT**	**CSF**	**SQ**		
919	Histoplasmosis	6817-1	HISTOPLASMA CAPSULATUM YEAST AB	ACNC	PT	SER	SQ		Not reportable
920	Histoplasmosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Histoplasmosis organism list
921	Histoplasmosis	601-5	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	FUNGAL BLOOD CULTURE	Histoplasmosis organism list
922	Histoplasmosis	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Histoplasmosis organism list
923	Histoplasmosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Histoplasmosis organism list
924	Histoplasmosis	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Histoplasmosis organism list
925	Histoplasmosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Histoplasmosis organism list
926	Histoplasmosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Histoplasmosis organism list
927	**Histoplasmosis**	**636-1**	**MICROORGANISM IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**STERILE BODY FLUID CULTURE**	**Histoplasmosis organism list**
928	Histoplasmosis	10355-6	MICROSCOPIC OBSERVATION	PRID	PT	MAR	QL	WRIGHT GIEMSA STAIN	Histoplasmosis organism list
929	Histoplasmosis	648-6	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	GRAM STAIN	Histoplasmosis organism list
930	Histoplasmosis	6468-3	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	CALCOFLUOR WHITE PREPARATION	Histoplasmosis organism list
931	Histoplasmosis	6472-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	CALCOFLUOR WHITE PREPARATION	Histoplasmosis organism list
932	Histoplasmosis	6667-0	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	KOH PREPARATION	Histoplasmosis organism list
933	Histoplasmosis	6675-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	PERIODIC ACID-SCHIFF STAIN	Histoplasmosis organism list
934	Histoplasmosis	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Histoplasmosis organism list
935	Histoplasmosis	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Histoplasmosis organism list
936	Histoplasmosis	658-5	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	CALCOFLUOR WHITE PREPARATION	Histoplasmosis organism list
937	Histoplasmosis	667-6	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	KOH PREPARATION	Histoplasmosis organism list
938	Histoplasmosis	674-2	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	PERIODIC ACID-SCHIFF STAIN	Histoplasmosis organism list
939									
940	Human immunodeficiency virus	5220-9	HIV 1 AB	ACNC	PT	SER	QN	EIA	
941	Human immunodeficiency virus	5221-7	HIV 1 AB	ACNC	PT	SER	SQ	IB	Positive
942	Human immunodeficiency virus	7917-8	HIV 1 AB	ACNC	PT	SER	SQ		Positive
943	**Human immunodeficiency virus**	**13499-9**	**HIV 1 AB BAND PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**	**IB**	
944	Human immunodeficiency virus	5222-5	HIV 1 AG	ACNC	PT	SER	SQ	EIA	Positive
945	Human immunodeficiency virus	9837-6	HIV 1 DNA	ACNC	PT	BLD	SQ	AMP	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
946	**Human immunodeficiency virus**	**12893-4**	**HIV 1 GP105 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
947	Human immunodeficiency virus	9661-0	HIV 1 GP120 AB	ACNC	PT	SER	SQ	IB	Positive
948	Human immunodeficiency virus	9660-2	HIV 1 GP160 AB	ACNC	PT	SER	SQ	IB	Positive
949	**Human immunodeficiency virus**	**12870-2**	**HIV 1 GP34 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
950	Human immunodeficiency virus	9662-8	HIV 1 GP41 AB	ACNC	PT	SER	SQ	IB	Positive
951	**Human immunodeficiency virus**	**12872-8**	**HIV 1 P15 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
952	Human immunodeficiency virus	9663-6	HIV 1 P17 AB	ACNC	PT	SER	SQ	IB	Positive
953	**Human immunodeficiency virus**	**12859-5**	**HIV 1 P18 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
954	**Human immunodeficiency virus**	**12855-3**	**HIV 1 P23 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
955	Human immunodeficiency virus	9664-4	HIV 1 P24 AB	ACNC	PT	SER	SQ	IB	Positive
956	Human immunodeficiency virus	9665-1	HIV 1 P24 AG	ACNC	PT	SER	QN		Positive
957	Human immunodeficiency virus	9821-0	HIV 1 P24 AG	ACNC	PT	SER	SQ		Positive
958	**Human immunodeficiency virus**	**12871-0**	**HIV 1 P26 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
959	**Human immunodeficiency virus**	**12857-9**	**HIV 1 P28 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
960	Human immunodeficiency virus	9666-9	HIV 1 P31 AB	ACNC	PT	SER	SQ	IB	Positive
961	**Human immunodeficiency virus**	**12858-7**	**HIV 1 P32 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
962	Human immunodeficiency virus	9667-7	HIV 1 P51 AB	ACNC	PT	SER	SQ	IB	Positive
963	**Human immunodeficiency virus**	**12876-9**	**HIV 1 P53 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
964	Human immunodeficiency virus	9668-5	HIV 1 P55 AB	ACNC	PT	SER	SQ	IB	Positive
965	**Human immunodeficiency virus**	**12895-9**	**HIV 1 P58 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
966	**Human immunodeficiency virus**	**12875-1**	**HIV 1 P64 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
967	**Human immunodeficiency virus**	**12856-1**	**HIV 1 P65 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
968	Human immunodeficiency virus	9669-3	HIV 1 P66 AB	ACNC	PT	SER	SQ	IB	Positive
969	**Human immunodeficiency virus**	**12894-2**	**HIV 1 P68 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
970	Human immunodeficiency virus	5017-9	HIV 1 RNA	ACNC	PT	BLD	SQ	PCR/PROBE	Positive
971	Human immunodeficiency virus	10351-5	HIV 1 RNA	ACNC	PT	PLAS	QN	AMP/PROBE	Positive
972	Human immunodeficiency virus	10682-3	HIV 1 RNA	ACNC	PT	SER/PLAS	QN	AMP/PROBE	Positive
973	Human immunodeficiency virus	5018-7	HIV 1 RNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
974	Human immunodeficiency virus	5223-3	HIV 1+2 AB	ACNC	PT	SER	QN	EIA	Positive
975	Human immunodeficiency virus	7918-6	HIV 1+2 AB	ACNC	PT	SER	SQ		Positive
976	Human immunodeficiency virus	5225-8	HIV 2 AB	ACNC	PT	SER	SQ	IB	Positive
977	Human immunodeficiency virus	5224-1	HIV 2 AB	ACNC	PT	SER	QN	EIA	Positive
978	Human immunodeficiency virus	7919-4	HIV 2 AB	ACNC	PT	SER	SQ		Positive
979	Human immunodeficiency virus	10901-7	HIV 2 GP125 AB	ACNC	PT	SER	SQ	IB	Positive
980	Human immunodeficiency virus	10902-5	HIV 2 GP36 AB	ACNC	PT	SER	SQ	IB	Positive
981	Human immunodeficiency virus	11078-3	HIV 2 GP80 AB	ACNC	PT	SER	SQ	IB	Positive
982	Human immunodeficiency virus	11079-1	HIV 2 P26 AB	ACNC	PT	SER	SQ	IB	Positive
983	Human immunodeficiency virus	11080-9	HIV 2 P53 AB	ACNC	PT	SER	SQ	IB	Positive
984	Human immunodeficiency virus	11081-7	HIV 2 P56 AB	ACNC	PT	SER	SQ	IB	Positive
985	Human immunodeficiency virus	11082-5	HIV 2 P68 AB	ACNC	PT	SER	SQ	IB	Positive
986	Human immunodeficiency virus	9836-8	HIV DNA	ACNC	PT	BLD	SQ	AMP	Positive
987	Human immunodeficiency virus	6429-5	HIV IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Human immunodeficiency virus organism list
988	Human immunodeficiency virus	6430-3	HIV IDENTIFIED	PRID	PT	SMN	QL	ORGANISM SPECIFIC CULTURE	Human immunodeficiency virus organism list
989	Human immunodeficiency virus	6431-1	HIV IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Human immunodeficiency virus organism list
990	Human immunodeficiency virus	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Human immunodeficiency virus organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
991	Human immunodeficiency virus	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Human immunodeficiency virus organism list
992	**Human immunodeficiency virus**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Human immunodeficiency virus organism list**
993									
994	Human T-lymphotrophic virus	5226-6	HTLV-I+II AB	ACNC	PT	SER	QN	EIA	
995	Human T-lymphotrophic virus	5019-5	HTLV-I+II RNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
996	Human T-lymphotrophic virus	6432-9	HTLV 1 AB	ACNC	PT	SER	SQ	IB	
997	Human T-lymphotrophic virus	6433-7	HTLV 1 AB.IGG	ACNC	PT	SER	SQ	EIA	
998	**Human T-lymphotrophic virus**	**11609-5**	**HTLV I AB**	**ACNC**	**PT**	**SER**	**QN**		
999	**Human T-lymphotrophic virus**	**13247-2**	**HTLV I+II AB**	**ACNC**	**PT**	**CSF**	**QN**		
1000	Human T-lymphotrophic virus	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Human T-lymphotrophic virus organism list
1001	Human T-lymphotrophic virus	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Human T-lymphotrophic virus organism list
1002	Human T-lymphotrophic virus	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Human T-lymphotrophic virus organism list
1003	Human T-lymphotrophic virus	6584-7	VIRUS IDENTIFIED	PRID	PT	XXX	QL	VIRUS CULTURE	Human T-lymphotrophic virus organism list
1004	**Human T-lymphotrophic virus**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Human T-lymphotrophic virus organism list**
1005									
1006	Influenza	9531-5	INFLUENZA VIRUS A AB	TITR	PT	CSF	QN		
1007	Influenza	5229-0	INFLUENZA VIRUS A AB	TITR	PT	SER	QN	CF	
1008	Influenza	7920-2	INFLUENZA VIRUS A AB	ACNC	PT	SER	QN		
1009	Influenza	9532-3	INFLUENZA VIRUS A AB.IGG	TITR	PT	SER	QN		
1010	Influenza	9533-1	INFLUENZA VIRUS A AB.IGM	TITR	PT	SER	QN		Positive
1011	Influenza	5860-2	INFLUENZA VIRUS A AG	ACNC	PT	THRT	SQ	EIA	Positive
1012	Influenza	5861-0	INFLUENZA VIRUS A AG	ACNC	PT	THRT	SQ	IF	Positive
1013	Influenza	5862-8	INFLUENZA VIRUS A AG	ACNC	PT	XXX	SQ	EIA	Positive
1014	Influenza	5863-6	INFLUENZA VIRUS A AG	ACNC	PT	XXX	SQ	IF	Positive
1015	Influenza	6639-9	INFLUENZA VIRUS A BANGKOK AB	ACNC	PT	SER	QN	HAI	Not reportable
1016	Influenza	7921-0	INFLUENZA VIRUS A BANGKOK AB	ACNC	PT	SER	QN		Not reportable
1017	Influenza	6635-7	INFLUENZA VIRUS A ENGLAND AB	ACNC	PT	SER	QN	HAI	Not reportable
1018	Influenza	7922-8	INFLUENZA VIRUS A ENGLAND AB	ACNC	PT	SER	QN		Not reportable
1019	Influenza	6634-0	INFLUENZA VIRUS A HONG KONG AB	ACNC	PT	SER	QN	HAI	Not reportable
1020	Influenza	7923-6	INFLUENZA VIRUS A HONG KONG AB	ACNC	PT	SER	QN		Not reportable
1021	Influenza	6642-3	INFLUENZA VIRUS A LENINGRAD AB	ACNC	PT	SER	QN	HAI	Not reportable
1022	Influenza	7924-4	INFLUENZA VIRUS A LENINGRAD AB	ACNC	PT	SER	QN		Not reportable
1023	Influenza	6641-5	INFLUENZA VIRUS A MISSISSIPPI AB	ACNC	PT	SER	QN	HAI	Not reportable
1024	Influenza	7925-1	INFLUENZA VIRUS A MISSISSIPPI AB	ACNC	PT	SER	QN		Not reportable
1025	Influenza	6640-7	INFLUENZA VIRUS A PHILLIPINES AB	ACNC	PT	SER	QN	HAI	Not reportable
1026	Influenza	7926-9	INFLUENZA VIRUS A PHILLIPINES AB	ACNC	PT	SER	QN		Not reportable
1027	Influenza	6636-5	INFLUENZA VIRUS A PORT CHALMERS AB	ACNC	PT	SER	QN	HAI	Not reportable
1028	Influenza	7927-7	INFLUENZA VIRUS A PORT CHALMERS AB	ACNC	PT	SER	QN		Not reportable
1029	Influenza	6638-1	INFLUENZA VIRUS A TEXAS AB	ACNC	PT	SER	QN	HAI	Not reportable
1030	Influenza	7928-5	INFLUENZA VIRUS A TEXAS AB	ACNC	PT	SER	QN		Not reportable
1031	Influenza	6637-3	INFLUENZA VIRUS A VICTORIA AB	ACNC	PT	SER	QN	HAI	Not reportable
1032	Influenza	7929-3	INFLUENZA VIRUS A VICTORIA AB	ACNC	PT	SER	QN		Not reportable
1033	Influenza	6434-5	INFLUENZA VIRUS A+B AB	TITR	PT	SER	QN	IF	Not reportable
1034	Influenza	7930-1	INFLUENZA VIRUS A+B AB	ACNC	PT	SER	QN		Not reportable
1035	Influenza	6435-2	INFLUENZA VIRUS A+B AG	ACNC	PT	THRT	SQ	EIA	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1036	Influenza	6436-0	INFLUENZA VIRUS A+B AG	ACNC	PT	THRT	SQ	IF	Positive
1037	Influenza	6437-8	INFLUENZA VIRUS A+B AG	ACNC	PT	XXX	SQ	EIA	Positive
1038	Influenza	6438-6	INFLUENZA VIRUS A+B AG	ACNC	PT	XXX	SQ	IF	Positive
1039	Influenza	6439-4	INFLUENZA VIRUS A+B+C AG	ACNC	PT	THRT	SQ	EIA	Positive
1040	Influenza	6440-2	INFLUENZA VIRUS A+B+C AG	ACNC	PT	THRT	SQ	IF	Positive
1041	Influenza	6441-0	INFLUENZA VIRUS A+B+C AG	ACNC	PT	XXX	SQ	EIA	Positive
1042	Influenza	6442-8	INFLUENZA VIRUS A+B+C AG	ACNC	PT	XXX	SQ	IF	Positive
1043	Influenza	9534-9	INFLUENZA VIRUS B AB	TITR	PT	CSF	QN		Not reportable
1044	Influenza	5230-8	INFLUENZA VIRUS B AB	TITR	PT	SER	QN	CF	Not reportable
1045	Influenza	7931-9	INFLUENZA VIRUS B AB	ACNC	PT	SER	QN		Not reportable
1046	Influenza	9535-6	INFLUENZA VIRUS B AB.IGG	TITR	PT	SER	QN		Not reportable
1047	Influenza	9536-4	INFLUENZA VIRUS B AB.IGM	TITR	PT	SER	QN		Positive
1048	Influenza	5864-4	INFLUENZA VIRUS B AG	ACNC	PT	THRT	SQ	EIA	Positive
1049	Influenza	5865-1	INFLUENZA VIRUS B AG	ACNC	PT	THRT	SQ	IF	Positive
1050	Influenza	5866-9	INFLUENZA VIRUS B AG	ACNC	PT	XXX	SQ	EIA	Positive
1051	Influenza	5867-7	INFLUENZA VIRUS B AG	ACNC	PT	XXX	SQ	IF	Positive
1052	Influenza	5231-6	INFLUENZA VIRUS C AB	TITR	PT	SER	QN	CF	Not reportable
1053	Influenza	7932-7	INFLUENZA VIRUS C AB	ACNC	PT	SER	QN		Not reportable
1054	Influenza	6601-9	INFLUENZA VIRUS IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Influenza virus organism list
1055	Influenza	6602-7	INFLUENZA VIRUS IDENTIFIED	PRID	PT	SPTT	QL	ORGANISM SPECIFIC CULTURE	Influenza virus organism list
1056	Influenza	6603-5	INFLUENZA VIRUS IDENTIFIED	PRID	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	Influenza virus organism list
1057	Influenza	6604-3	INFLUENZA VIRUS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Influenza virus organism list
1058									
1059	Isosporiasis	10853-0	ISOSPORA BELLI	ACNC	PT	XXX	SQ	KINYOUN STAIN	
1060									
1061	Lassa fever	7942-6	LASSA VIRUS AB.IGG	ACNC	PT	SER	SQ	EIA	
1062	Lassa fever	7943-4	LASSA VIRUS AB.IGG	TITR	PT	SER	QN	IF	
1063	Lassa fever	7944-2	LASSA VIRUS AB.IGM	ACNC	PT	SER	SQ	EIA	Positive
1064	Lassa fever	7945-9	LASSA VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
1065	Lassa fever	7946-7	LASSA VIRUS AG	ACNC	PT	SER	SQ	EIA	Positive
1066	Lassa fever	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Lassa fever organism list
1067	**Lassa fever**	**6584-7**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**VIRUS CULTURE**	**Lassa fever organism list**
1068	**Lassa fever**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Lassa fever organism list**
1069									
1070	**Legionellosis**	**13255-5**	**LEGIONELLA LONGBEACHAE S1+S2 AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
1071	**Legionellosis**	**13253-0**	**LEGIONELLA NON PNEUMOPHILA SP AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
1072	Legionellosis	5236-5	LEGIONELLA PNEUMOPHILA AB	ACNC	PT	SER	SQ	IF	>1:256
1073	Legionellosis	7947-5	LEGIONELLA PNEUMOPHILA AB	ACNC	PT	SER	SQ		
1074	Legionellosis	5237-3	LEGIONELLA PNEUMOPHILA AB	TITR	PT	SER	QN	IF	>1:256
1075	**Legionellosis**	**13254-8**	**LEGIONELLA PNEUMOPHILA AB.ATYPICAL**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
1076	Legionellosis	6445-1	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	SPT	SQ	IF	Positive
1077	Legionellosis	6446-9	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	SPT	SQ	LA	Positive
1078	Legionellosis	6447-7	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	UR	SQ	EIA	Positive
1079	Legionellosis	6448-5	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	UR	SQ	RIA	Positive
1080	Legionellosis	6449-3	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	XXX	SQ	LA	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1081	Legionellosis	588-4	LEGIONELLA PNEUMOPHILA AG	ACNC	PT	XXX	SQ	IF	Positive
1082	Legionellosis	7948-3	LEGIONELLA PNEUMOPHILA SEROGROUP 1 AB	TITR	PT	SER	QN	IF	>1:256
1083	Legionellosis	9541-4	LEGIONELLA PNEUMOPHILA SEROGROUP 1 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1084	Legionellosis	9542-2	LEGIONELLA PNEUMOPHILA SEROGROUP 1 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1085	Legionellosis	7949-1	LEGIONELLA PNEUMOPHILA SEROGROUP 2 AB	TITR	PT	SER	QN	IF	>1:256
1086	Legionellosis	9544-8	LEGIONELLA PNEUMOPHILA SEROGROUP 2 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1087	Legionellosis	9545-5	LEGIONELLA PNEUMOPHILA SEROGROUP 2 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1088	Legionellosis	7950-9	LEGIONELLA PNEUMOPHILA SEROGROUP 3 AB	TITR	PT	SER	QN	IF	>1:256
1089	Legionellosis	9546-3	LEGIONELLA PNEUMOPHILA SEROGROUP 3 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1090	Legionellosis	9547-1	LEGIONELLA PNEUMOPHILA SEROGROUP 3 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1091	Legionellosis	7951-7	LEGIONELLA PNEUMOPHILA SEROGROUP 4 AB	TITR	PT	SER	QN	IF	
1092	Legionellosis	9548-9	LEGIONELLA PNEUMOPHILA SEROGROUP 4 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1093	Legionellosis	9549-7	LEGIONELLA PNEUMOPHILA SEROGROUP 4 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1094	Legionellosis	7952-5	LEGIONELLA PNEUMOPHILA SEROGROUP 5 AB	TITR	PT	SER	QN	IF	>1:256
1095	Legionellosis	9550-5	LEGIONELLA PNEUMOPHILA SEROGROUP 5 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1096	Legionellosis	9551-3	LEGIONELLA PNEUMOPHILA SEROGROUP 5 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1097	Legionellosis	7953-3	LEGIONELLA PNEUMOPHILA SEROGROUP 6 AB	TITR	PT	SER	QN	IF	>1:256
1098	Legionellosis	9552-1	LEGIONELLA PNEUMOPHILA SEROGROUP 6 AB.IGG	TITR	PT	SER	QN	IF	>1:256
1099	Legionellosis	9553-9	LEGIONELLA PNEUMOPHILA SEROGROUP 6 AB.IGM	TITR	PT	SER	QN	IF	>1:256
1100	Legionellosis	7954-1	LEGIONELLA PNEUMOPHILA SEROGROUP 7 AB	TITR	PT	SER	QN	IF	>1:256
1101	Legionellosis	7955-8	LEGIONELLA PNEUMOPHILA SEROGROUP 8 AB	TITR	PT	SER	QN	IF	>1:256
1102	Legionellosis	7956-6	LEGIONELLA PNEUMOPHILA SEROGROUP 9 AB	TITR	PT	SER	QN	IF	>1:256
1103	Legionellosis	7957-4	LEGIONELLA SP AB	ACNC	PT	SER	QN		
1104	Legionellosis	6450-1	LEGIONELLA SP AB	TITR	PT	SER	QN	IF	>1:256
1105	Legionellosis	6451-9	LEGIONELLA SP DNA	ACNC	PT	XXX	SQ	PROBE	Positive
1106	Legionellosis	589-2	LEGIONELLA SP IDENTIFIED	PRID	PT	BRO	QL	ORGANISM SPECIFIC CULTURE	Legionellosis organism list
1107	Legionellosis	590-0	LEGIONELLA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Legionellosis organism list
1108	Legionellosis	593-4	LEGIONELLA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Legionellosis organism list
1109	Legionellosis	5020-3	LEGIONELLA SP RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1110	Legionellosis	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Legionellosis organism list
1111	Legionellosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Legionellosis organism list
1112	Legionellosis	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Legionellosis organism list
1113	Legionellosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Legionellosis organism list
1114	Legionellosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Legionellosis organism list
1115	Legionellosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Legionellosis organism list
1116	Legionellosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Legionellosis organism list
1117									
1118	Leptospirosis	5239-9	LEPTOSPIRA AB	TITR	PT	SER	QN	LA	
1119	Leptospirosis	7959-0	LEPTOSPIRA AB	TITR	PT	SER	QN		
1120	Leptospirosis	7960-8	LEPTOSPIRA INTERROGANS AB	ACNC	PT	SER	QN	HAI	
1121	Leptospirosis	6605-0	LEPTOSPIRA INTERROGANS AG	ACNC	PT	TISS	SQ	IF	Positive
1122	Leptospirosis	6452-7	LEPTOSPIRA INTERROGANS AG	ACNC	PT	XXX	SQ	IF	Positive
1123	Leptospirosis	6453-5	LEPTOSPIRA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list
1124	Leptospirosis	6454-3	LEPTOSPIRA SP IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list
1125	Leptospirosis	6455-0	LEPTOSPIRA SP IDENTIFIED	PRID	PT	UR	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1126	Leptospirosis	594-2	LEPTOSPIRA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list
1127	Leptospirosis	594-2	LEPTOSPIRA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list
1128	Leptospirosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Leptospirosis organism list
1129	Leptospirosis	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Leptospirosis organism list
1130	Leptospirosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Leptospirosis organism list
1131	Leptospirosis	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Leptospirosis organism list
1132	Leptospirosis	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Leptospirosis organism list
1133	Leptospirosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Leptospirosis organism list
1134	Leptospirosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Leptospirosis organism list
1135	Leptospirosis	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Leptospirosis organism list
1136	Leptospirosis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Leptospirosis organism list
1137	Leptospirosis	6607-6	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	DARK FIELD EXAMINATION	Leptospirosis organism list
1138	Leptospirosis	660-1	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	DARK FIELD EXAMINATION	Leptospirosis organism list
1139									
1140	**Listeriosis**	**13265-4**	**LEPTOSPIRA AB.IGM**	**TITR**	**PT**	**SER/PLA**	**QN**		
1141	**Listeriosis**	**11606-1**	**LEPTOSPIRA INTERROGANS AB**	**ACNC**	**PT**	**SER**	**QN**		
1142	Listeriosis	5240-7	LISTERIA MONOCYTOGENES AB	ACNC	PT	SER	QN		Not reportable
1143	Listeriosis	6456-8	LISTERIA MONOCYTOGENES AB	TITR	PT	SER	QN	CF	Not reportable
1144	Listeriosis	5021-1	LISTERIA MONOCYTOGENES RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1145	Listeriosis	6609-2	LISTERIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Listeria monocytogenes organism list
1146	Listeriosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Listeria monocytogenes organism list
1147	Listeriosis	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Listeria monocytogenes organism list
1148	Listeriosis	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Listeria monocytogenes organism list
1149	Listeriosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Listeria monocytogenes organism list
1150	Listeriosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Listeria monocytogenes organism list
1151	Listeriosis	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Listeria monocytogenes organism list
1152	Listeriosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Listeria monocytogenes organism list
1153									
1154	**Lyme disease**	**11585-7**	**BORDETELLA PERTUSSIS AB**	**ACNC**	**PT**	**SER**	**QN**		
1155	**Lyme disease**	**11550-1**	**BORRELIA BURGDORFERI**	**ACNC**	**PT**	**XXX**	**SQ**	**ORGANISM SPECIFIC CULTURE**	**Lyme disease organism list**
1156	**Lyme disease**	**12866-0**	**BORRELIA BURGDORFERI 18KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1157	**Lyme disease**	**12883-5**	**BORRELIA BURGDORFERI 18KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1158	Lyme disease	9588-5	BORRELIA BURGDORFERI 18KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1159	Lyme disease	9589-3	BORRELIA BURGDORFERI 23KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1160	Lyme disease	9598-4	BORRELIA BURGDORFERI 23KD AB.IGM	ACNC	PT	SER	SQ	IB	Positive
1161	**Lyme disease**	**12864-5**	**BORRELIA BURGDORFERI 25KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1162	**Lyme disease**	**12888-4**	**BORRELIA BURGDORFERI 25KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1163	**Lyme disease**	**12879-3**	**BORRELIA BURGDORFERI 25KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1164	Lyme disease	9590-1	BORRELIA BURGDORFERI 28KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1165	**Lyme disease**	**12865-2**	**BORRELIA BURGDORFERI 29KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1166	**Lyme disease**	**12882-7**	**BORRELIA BURGDORFERI 29KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1167	**Lyme disease**	**12878-5**	**BORRELIA BURGDORFERI 29KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1168	**Lyme disease**	**12869-4**	**BORRELIA BURGDORFERI 30KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1169	**Lyme disease**	**12889-2**	**BORRELIA BURGDORFERI 30KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1170	**Lyme disease**	**12892-6**	**BORRELIA BURGDORFERI 30KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1171	Lyme disease	9591-9	BORRELIA BURGDORFERI 30KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1172	**Lyme disease**	**12860-3**	**BORRELIA BURGDORFERI 39KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1173	**Lyme disease**	**12884-3**	**BORRELIA BURGDORFERI 39KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1174	Lyme disease	9592-7	BORRELIA BURGDORFERI 39KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1175	Lyme disease	9599-2	BORRELIA BURGDORFERI 39KD AB.IGM	ACNC	PT	SER	SQ	IB	Positive
1176	**Lyme disease**	**12863-7**	**BORRELIA BURGDORFERI 41KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1177	**Lyme disease**	**12887-6**	**BORRELIA BURGDORFERI 41KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1178	**Lyme disease**	**12891-8**	**BORRELIA BURGDORFERI 41KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1179	Lyme disease	9593-5	BORRELIA BURGDORFERI 41KD AB.IGG	ACNC	PT	SER	SQ	IB	
1180	Lyme disease	9587-7	BORRELIA BURGDORFERI 41KD AB.IGM	ACNC	PT	SER	SQ	IB	Positive
1181	**Lyme disease**	**12890-0**	**BORRELIA BURGDORFERI 45KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1182	Lyme disease	9594-3	BORRELIA BURGDORFERI 45KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1183	**Lyme disease**	**12868-6**	**BORRELIA BURGDORFERI 47KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1184	**Lyme disease**	**12881-9**	**BORRELIA BURGDORFERI 47KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1185	**Lyme disease**	**12877-7**	**BORRELIA BURGDORFERI 47KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1186	**Lyme disease**	**12867-8**	**BORRELIA BURGDORFERI 58KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1187	**Lyme disease**	**12880-1**	**BORRELIA BURGDORFERI 58KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1188	**Lyme disease**	**12896-7**	**BORRELIA BURGDORFERI 58KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1189	Lyme disease	9595-0	BORRELIA BURGDORFERI 58KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1190	**Lyme disease**	**12862-9**	**BORRELIA BURGDORFERI 66KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1191	**Lyme disease**	**12886-8**	**BORRELIA BURGDORFERI 66KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1192	Lyme disease	9596-8	BORRELIA BURGDORFERI 66KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1193	**Lyme disease**	**12861-1**	**BORRELIA BURGDORFERI 88KD AB**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1194	**Lyme disease**	**12885-0**	**BORRELIA BURGDORFERI 88KD AB**	**ACNC**	**PT**	**FLU**	**SQ**	**IB**	
1195	**Lyme disease**	**12873-6**	**BORRELIA BURGDORFERI 88KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1196	**Lyme disease**	**12874-4**	**BORRELIA BURGDORFERI 93KD AB**	**ACNC**	**PT**	**SER/PLA**	**SQ**	**IB**	
1197	Lyme disease	9597-6	BORRELIA BURGDORFERI 93KD AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1198	Lyme disease	6318-0	BORRELIA BURGDORFERI AB	ACNC	PT	CSF	QN	EIA	Positive
1199	Lyme disease	6319-8	BORRELIA BURGDORFERI AB	ACNC	PT	FLU	QN	EIA	Positive
1200	Lyme disease	11006-4	BORRELIA BURGDORFERI AB	ACNC	PT	SER	SQ		Positive
1201	Lyme disease	5060-9	BORRELIA BURGDORFERI AB	ACNC	PT	SER	QN	EIA	Positive
1202	Lyme disease	9586-9	BORRELIA BURGDORFERI AB	IMP	PT	SER	QL		Positive
1203	Lyme disease	5061-7	BORRELIA BURGDORFERI AB	TITR	PT	SER	QN	IF	Positive
1204	**Lyme disease**	**12781-1**	**BORRELIA BURGDORFERI AB**	**IMP**	**PT**	**SER/PLA**	**SQ**	**IB**	
1205	**Lyme disease**	**13504-6**	**BORRELIA BURGDORFERI AB**	**IMP**	**PT**	**SER/PLA**	**QL**		
1206	**Lyme disease**	**13202-7**	**BORRELIA BURGDORFERI AB.IGG**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	
1207	**Lyme disease**	**13204-3**	**BORRELIA BURGDORFERI AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**	**IF**	
1208	Lyme disease	5062-5	BORRELIA BURGDORFERI AB.IGG	ACNC	PT	SER	QN	EIA	Positive
1209	Lyme disease	6320-6	BORRELIA BURGDORFERI AB.IGG	ACNC	PT	SER	SQ	IB	Positive
1210	Lyme disease	7817-0	BORRELIA BURGDORFERI AB.IGG	ACNC	PT	SER	QN		Positive
1211	Lyme disease	5063-3	BORRELIA BURGDORFERI AB.IGG	TITR	PT	SER	QN	IF	Positive
1212	**Lyme disease**	**13206-8**	**BORRELIA BURGDORFERI AB.IGG**	**ACNC**	**PT**	**SNV**	**SQ**	**IB**	
1213	**Lyme disease**	**13502-0**	**BORRELIA BURGDORFERI AB.IGG BAND PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**	**IB**	
1214	**Lyme disease**	**13203-5**	**BORRELIA BURGDORFERI AB.IGM**	**ACNC**	**PT**	**CSF**	**SQ**	**IB**	

Appendix C
Table IV: LOINC List

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1215	**Lyme disease**	**13205-0**	**BORRELIA BURGDORFERI AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**	**IF**	
1216	Lyme disease	5064-1	BORRELIA BURGDORFERI AB.IGM	ACNC	PT	SER	QN	EIA	Positive
1217	Lyme disease	6321-4	BORRELIA BURGDORFERI AB.IGM	ACNC	PT	SER	SQ	IB	Positive
1218	Lyme disease	7818-8	BORRELIA BURGDORFERI AB.IGM	ACNC	PT	SER	QN		Positive
1219	Lyme disease	5065-8	BORRELIA BURGDORFERI AB.IGM	TITR	PT	SER	QN	IF	Positive
1220	**Lyme disease**	**13207-6**	**BORRELIA BURGDORFERI AB.IGM**	**ACNC**	**PT**	**SNV**	**SQ**	**IB**	
1221	**Lyme disease**	**13503-8**	**BORRELIA BURGDORFERI AB.IGM BAND PATTERN**	**IMP**	**PT**	**SER/PLA**	**QL**	**IB**	
1222	Lyme disease	6322-2	BORRELIA BURGDORFERI AG	ACNC	PT	SER	QN		Positive
1223	Lyme disease	11007-2	BORRELIA BURGDORFERI AG	ACNC	PT	UR	QN		Positive
1224	**Lyme disease**	**11551-9**	**BORRELIA BURGDORFERI DNA**	**ACNC**	**PT**	**CSF**	**SQ**	**AMP/PROBE**	
1225	Lyme disease	4991-6	BORRELIA BURGDORFERI DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
1226	Lyme disease	10846-4	BORRELIA BURGDORFERI DNA	ACNC	PT	BLD	SQ	AMP/PROBE	Positive
1227	Lyme disease	10847-2	BORRELIA BURGDORFERI DNA	ACNC	PT	FLU	SQ	AMP/PROBE	Positive
1228	Lyme disease	6323-0	BORRELIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Lyme disease organism list
1229	Lyme disease	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Lyme disease organism list
1230	Lyme disease	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Lyme disease organism list
1231	Lyme disease	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Lyme disease organism list
1232	Lyme disease	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Lyme disease organism list
1233	Lyme disease	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Lyme disease organism list
1234	Lyme disease	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Lyme disease organism list
1235	Lyme disease	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Lyme disease organism list
1236	Lyme disease	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Lyme disease organism list
1237	Lyme disease	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Lyme disease organism list
1238	Lyme disease	6663-9	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIMENEZ STAIN	Lyme disease organism list
1239	Lyme disease	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Lyme disease organism list
1240	Lyme disease	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Lyme disease organism list
1241	Lyme disease	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Lyme disease organism list
1242									
1243	Lymphogranuloma venereum	557-9	CHLAMYDIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Lymphogranuloma venereum organism list
1244	Lymphogranuloma venereum	6348-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Lymphogranuloma venereum organism list
1245	Lymphogranuloma venereum	558-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	Lymphogranuloma venereum organism list
1246	Lymphogranuloma venereum	559-5	CHLAMYDIA SP IDENTIFIED	PRID	PT	URTH	QL	ORGANISM SPECIFIC CULTURE	Lymphogranuloma venereum organism list
1247	Lymphogranuloma venereum	560-3	CHLAMYDIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Lymphogranuloma venereum organism list
1248	Lymphogranuloma venereum	6353-7	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	TISS	SQ	IF	Positive
1249	Lymphogranuloma venereum	6354-5	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	XXX	SQ	EIA	Positive
1250	Lymphogranuloma venereum	6355-2	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	XXX	SQ	IF	Positive
1251	Lymphogranuloma venereum	6356-0	CHLAMYDIA TRACHOMATIS DNA	ACNC	PT	GEN	SQ	PCR/PROBE	Positive
1252	Lymphogranuloma venereum	6357-8	CHLAMYDIA TRACHOMATIS DNA	ACNC	PT	UR	SQ	PCR/PROBE	Positive
1253	Lymphogranuloma venereum	4993-2	CHLAMYDIA TRACHOMATIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1254									
1255	Malaria	637-9	MICROSCOPIC OBSERVATION	PRID	PT	BLD	QL	MALARIA THICK SMEAR	Malaria organism list
1256	Malaria	10355-6	MICROSCOPIC OBSERVATION	PRID	PT	MAR	QL	WRIGHT GIEMSA STAIN	Malaria organism list
1257	Malaria	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Malaria organism list
1258	Malaria	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Malaria organism list
1259	Malaria	6663-9	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIMENEZ STAIN	Malaria organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1260	Malaria	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Malaria organism list
1261	Malaria	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Malaria organism list
1262	Malaria	6670-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	MALARIA SMEAR	Malaria organism list
1263	Malaria	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Malaria organism list
1264	Malaria	5278-7	PLASMODIUM FALCIPARUM AB	ACNC	PT	SER	QN		Not reportable
1265	Malaria	10709-4	PLASMODIUM FALCIPARUM AG	ACNC	PT	BLD	QN	IF	Positive
1266	Malaria	6305-7	PLASMODIUM MALARIAE AB	ACNC	PT	SER	QN		Not reportable
1267	Malaria	9670-1	PLASMODIUM MALARIAE AB.IGG	ACNC	PT	SER	QN		Not reportable
1268	Malaria	9671-9	PLASMODIUM MALARIAE AB.IGM	ACNC	PT	SER	QN		Positive
1269	Malaria	6560-7	PLASMODIUM OVALE AB	ACNC	PT	SER	QN		Not reportable
1270	Malaria	5279-5	PLASMODIUM SP AB	ACNC	PT	SER	QN		Not reportable
1271	Malaria	10710-2	PLASMODIUM SP IDENTIFIED	PRID	PT	BLD	QL	THIN FILM	Malaria organism list
1272	Malaria	5280-3	PLASMODIUM VIVAX AB	ACNC	PT	SER	QN		Not reportable
1273	Malaria	10711-0	PLASMODIUM VIVAX AG	ACNC	PT	BLD	QN	IF	Positive
1274									
1275	Marburg	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Marburg organism list
1276									
1277	**Measles**	**13283-7**	**RUBEOLA VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1278	**Measles**	**13328-0**	**RUBEOLA VIRUS AG**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
1279	Measles	9565-3	RUBEOLA VIRUS AB	TITR	PT	CSF	QN	CF	Not reportable
1280	Measles	5242-3	RUBEOLA VIRUS AB	ACNC	PT	SER	QN	EIA	Not reportable
1281	Measles	5243-1	RUBEOLA VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
1282	Measles	7961-6	RUBEOLA VIRUS AB	ACNC	PT	SER	QN		Not reportable
1283	Measles	9566-1	RUBEOLA VIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	Not reportable
1284	Measles	5244-9	RUBEOLA VIRUS AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1285	Measles	7962-4	RUBEOLA VIRUS AB.IGG	ACNC	PT	SER	QN		Not reportable
1286	Measles	5245-6	RUBEOLA VIRUS AB.IGM	TITR	PT	SER	QN	IF	
1287	Measles	7963-2	RUBEOLA VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
1288	Measles	7964-0	RUBEOLA VIRUS RNA	ACNC	PT	NOS	SQ	PCR/PROBE	Positive
1289	Measles	10737-5	VIRUS IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.ELECTRON	Measles organism list
1290	Measles	5886-7	VIRUS IDENTIFIED	PRID	PT	STL	QL	VIRUS CULTURE	Measles organism list
1291	**Measles**	**12232-5**	**MEASLES VIRUS AG**	**PRID**	**PT**	**XXX**	**QL**		
1292									
1293	Meningitis, bacterial	6318-0	BORRELIA BURGDORFERI AB	ACNC	PT	CSF	QN	EIA	Positive
1294	Meningitis, bacterial	6610-0	HAEMOPHILUS INFLUENZAE TYPE A AG	ACNC	PT	CSF	SQ	IF	Positive
1295	Meningitis, bacterial	6611-8	HAEMOPHILUS INFLUENZAE TYPE B AG	ACNC	PT	CSF	SQ	IF	Positive
1296	Meningitis, bacterial	6612-6	HAEMOPHILUS INFLUENZAE TYPE C AG	ACNC	PT	CSF	SQ	IF	Positive
1297	Meningitis, bacterial	6613-4	HAEMOPHILUS INFLUENZAE TYPE D AG	ACNC	PT	CSF	SQ	IF	Positive
1298	Meningitis, bacterial	6614-2	HAEMOPHILUS INFLUENZAE TYPE E AG	ACNC	PT	CSF	SQ	IF	Positive
1299	Meningitis, bacterial	6615-9	HAEMOPHILUS INFLUENZAE TYPE F AG	ACNC	PT	CSF	SQ	IF	Positive
1300	Meningitis, bacterial	6615-9	HAEMOPHILUS INFLUENZAE TYPE F AG	ACNC	PT	CSF	SQ	IF	
1301	Meningitis, bacterial	6454-3	LEPTOSPIRA SP IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Leptospirosis organism list
1302	Meningitis, bacterial	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Meningitis, Bacterial organism List
1303	Meningitis, bacterial	534-8	MYCOBACTERIUM IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1304	Meningitis, bacterial	6508-6	NEISSERIA MENINGITIDIS AG	ACNC	PT	CSF	SQ		Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1305	Meningitis, bacterial	6493-1	NEISSERIA MENINGITIDIS GROUP A AG	ACNC	PT	CSF	SQ	EIA	Positive
1306	Meningitis, bacterial	6494-9	NEISSERIA MENINGITIDIS GROUP A AG	ACNC	PT	CSF	SQ	LA	Positive
1307	Meningitis, bacterial	6496-4	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	EIA	Positive
1308	Meningitis, bacterial	6497-2	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	IF	Positive
1309	Meningitis, bacterial	6498-0	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	LA	Positive
1310	Meningitis, bacterial	6499-8	NEISSERIA MENINGITIDIS GROUP C AG	ACNC	PT	CSF	SQ	EIA	Positive
1311	Meningitis, bacterial	6500-3	NEISSERIA MENINGITIDIS GROUP C AG	ACNC	PT	CSF	SQ	LA	Positive
1312	Meningitis, bacterial	6503-7	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	EIA	Positive
1313	Meningitis, bacterial	6504-5	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	IF	Positive
1314	Meningitis, bacterial	6505-2	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	LA	Positive
1315	Meningitis, bacterial	6509-4	NEISSERIA MENINGITIDIS RRNA	ACNC	PT	CSF	SQ	DNA PROBE	Positive
1316	Meningitis, bacterial	6506-0	NEISSERIA MENINGITIDIS W135 AG	ACNC	PT	CSF	SQ	IF	Positive
1317	Meningitis, bacterial	6507-8	NEISSERIA MENINGITIDIS W135 AG	ACNC	PT	CSF	SQ	LA	Positive
1318	Meningitis, bacterial	5289-4	REAGIN AB	ACNC	PT	CSF	QN	FLOC	
1319	Meningitis, bacterial	5290-2	REAGIN AB	ACNC	PT	CSF	SQ	FLOC	
1320	Meningitis, bacterial	6553-2	STREPTOCOCCUS PNEUMONIAE AG	ACNC	PT	CSF	SQ	IF	Positive
1321	Meningitis, bacterial	9826-9	TREPONEMA PALLIDUM AB	ACNC	PT	CSF	SQ	IF	Positive
1322									
1323	**Meningitis, fungal**	**13193-8**	**ASPERGILLUS FLAVUS AB**	**ACNC**	**PT**	**CSF**	**QN**		
1324	**Meningitis, fungal**	**13201-9**	**BLASTOMYCES DERMATITIDIS AB**	**ACNC**	**PT**	**CSF**	**QN**		
1325	Meningitis, fungal	5118-5	CRYPTOCOCCUS NEOFORMANS AG	TITR	PT	CSF	QN	LA	Positive
1326	Meningitis, fungal	9817-8	CRYPTOCOCCUS SP AG	TITR	PT	CSF	QN	EIA	Positive
1327	Meningitis, fungal	9819-4	CRYPTOCOCCUS SP AG	TITR	PT	CSF	QN	LA	Positive
1328	Meningitis, fungal	569-4	FUNGUS IDENTIFIED	PRID	PT	CSF	QL	ROUTINE FUNGAL CULTURE	Meningitis, Fungal organism List
1329	**Meningitis, fungal**	**12456-0**	**HISTOPLASMA CAPSULATUM MYCELIAL AB**	**ACNC**	**PT**	**CSF**	**SQ**		
1330	**Meningitis, fungal**	**12455-2**	**HISTOPLASMA CAPSULATUM YEAST AB**	**ACNC**	**PT**	**CSF**	**SQ**		
1331	Meningitis, fungal	638-7	MICROSCOPIC OBSERVATION	PRID	PT	CSF	QL	INDIA INK PREPARATION	Meningitis, Fungal organism List
1332	Meningitis, fungal	639-5	MICROSCOPIC OBSERVATION	PRID	PT	CSF	QL	KOH PREPARATION	Meningitis, Fungal organism List
1333	Meningitis, fungal	9741-0	TOXOPLASMA SP AB.IGG	ACNC	PT	CSF	QN		
1334	**Meningitis, fungal**	**13287-8**	**TOXOPLASMA SP AB.TOTAL**	**ACNC**	**PT**	**CSF**	**QN**		
1335	**Meningitis, fungal**	**12263-0**	**TOXOPLASMA SP IDENTIFIED**	**PRID**	**PT**	**CSF**	**QL**	**IF**	
1336									
1337	Meningitis, protozoal	6619-1	ACANTHAMOEBA SP AB	ACNC	PT	CSF	SQ	IF	
1338	Meningitis, protozoal	6620-9	ACANTHAMOEBA SP AB	ACNC	PT	CSF	SQ	EIA	
1339	Meningitis, protozoal	7844-4	CYSTICERCUS AB.IGA	ACNC	PT	CSF	SQ		
1340	Meningitis, protozoal	6373-5	CYSTICERCUS AB.IGG	ACNC	PT	CSF	SQ	IB	
1341	Meningitis, protozoal	7846-9	CYSTICERCUS AB.IGG	ACNC	PT	CSF	SQ		
1342	Meningitis, protozoal	7848-5	CYSTICERCUS AB.IGM	ACNC	PT	CSF	SQ		
1343	Meningitis, protozoal	6624-1	NAEGLERIA FOWLERI AB	ACNC	PT	CSF	SQ	IF	
1344	Meningitis, protozoal	6625-8	NAEGLERIA FOWLERI AB	ACNC	PT	CSF	SQ	EIA	
1345	Meningitis, protozoal	7971-5	NAEGLERIA FOWLERI AB	ACNC	PT	CSF	SQ		
1346	**Meningitis, protozoal**	**13274-6**	**TOXOCARA CANIS AB**	**ACNC**	**PT**	**CSF**	**QN**		
1347									
1348	**Meningitis, viral**	**13192-0**	**ADENOVIRUS AB**	**ACNC**	**PT**	**CSF**	**QN**		
1349	**Meningitis, viral**	**13232-4**	**COXSACKIEVIRUS A AB**	**ACNC**	**PT**	**CSF**	**QN**		

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1350	**Meningitis, viral**	**13295-1**	**COXSACKIEVIRUS A10 AB**	**ACNC**	**PT**	**CSF**	**QN**		
1351	Meningitis, viral	9751-9	COXSACKIEVIRUS A10 AB	TITR	PT	CSF	QN	CF	Not reportable
1352	**Meningitis, viral**	**13235-7**	**COXSACKIEVIRUS A16 AB**	**ACNC**	**PT**	**CSF**	**QN**		
1353	Meningitis, viral	9752-7	COXSACKIEVIRUS A16 AB	TITR	PT	CSF	QN	CF	Not reportable
1354	**Meningitis, viral**	**13233-2**	**COXSACKIEVIRUS A2 AB**	**ACNC**	**PT**	**CSF**	**QN**		
1355	**Meningitis, viral**	**13234-0**	**COXSACKIEVIRUS A4 AB**	**ACNC**	**PT**	**CSF**	**QN**		
1356	Meningitis, viral	9756-8	COXSACKIEVIRUS A7 AB	TITR	PT	CSF	QN	CF	Not reportable
1357	Meningitis, viral	9758-4	COXSACKIEVIRUS A9 AB	TITR	PT	CSF	QN	CF	Not reportable
1358	Meningitis, viral	9759-2	COXSACKIEVIRUS B1 AB	TITR	PT	CSF	QN	CF	Not reportable
1359	Meningitis, viral	9760-0	COXSACKIEVIRUS B2 AB	TITR	PT	CSF	QN	CF	Not reportable
1360	Meningitis, viral	9761-8	COXSACKIEVIRUS B3 AB	TITR	PT	CSF	QN	CF	Not reportable
1361	Meningitis, viral	9762-6	COXSACKIEVIRUS B4 AB	TITR	PT	CSF	QN	CF	Not reportable
1362	Meningitis, viral	9763-4	COXSACKIEVIRUS B5 AB	TITR	PT	CSF	QN	CF	Not reportable
1363	Meningitis, viral	9764-2	COXSACKIEVIRUS B6 AB	TITR	PT	CSF	QN	CF	Not reportable
1364	Meningitis, viral	9514-1	CYTOMEGALOVIRUS AB	TITR	PT	CSF	QN	CF	Not reportable
1365	Meningitis, viral	6921-1	CYTOMEGALOVIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	Not reportable
1366	Meningitis, viral	11008-0	CYTOMEGALOVIRUS AB.IGG	TITR	PT	CSF	QN	IF	Not reportable
1367	**Meningitis, viral**	**13226-6**	**CYTOMEGALOVIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1368	**Meningitis, viral**	**13228-2**	**EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1369	Meningitis, viral	10897-7	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	CSF	QN	IF	Not reportable
1370	**Meningitis, viral**	**13229-0**	**EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1371	Meningitis, viral	10899-3	EASTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
1372	Meningitis, viral	9516-6	ECHOVIRUS TYPE 11 AB	TITR	PT	CSF	QN	CF	Not reportable
1373	Meningitis, viral	9518-2	ECHOVIRUS TYPE 30 AB	TITR	PT	CSF	QN	CF	Not reportable
1374	Meningitis, viral	9519-0	ECHOVIRUS TYPE 4 AB	TITR	PT	CSF	QN	CF	Not reportable
1375	Meningitis, viral	9520-8	ECHOVIRUS TYPE 9 AB	TITR	PT	CSF	QN	CF	Not reportable
1376	Meningitis, viral	5839-6	ENTEROVIRUS IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Meningitis, Viral organism List
1377	Meningitis, viral	11009-8	EPSTEIN-BARR VIRUS VIRAL CAPSID AB.IGG	TITR	PT	CSF	QN	IF	
1378	Meningitis, viral	11010-6	EPSTEIN-BARR VIRUS VIRAL CAPSID AB.IGM	TITR	PT	CSF	QN	IF	
1379	**Meningitis, viral**	**13249-8**	**HERPES SIMPLEX VIRUS 1&2 AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1380	Meningitis, viral	9454-0	HERPES SIMPLEX VIRUS AB	TITR	PT	CSF	QN	CF	
1381	Meningitis, viral	9659-4	HERPES SIMPLEX VIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	
1382	Meningitis, viral	5013-8	HERPES SIMPLEX VIRUS DNA	ACNC	PT	CSF	SQ	PCR/PROBE	Positive
1383	**Meningitis, viral**	**13251-4**	**HERPES SIMPLEX VIRUS TYPE 1 AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1384	**Meningitis, viral**	**13252-2**	**HERPES SIMPLEX VIRUS TYPE 2 AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1385	Meningitis, viral	9531-5	INFLUENZA VIRUS A AB	TITR	PT	CSF	QN		
1386	Meningitis, viral	9534-9	INFLUENZA VIRUS B AB	TITR	PT	CSF	QN		
1387	Meningitis, viral	7933-5	JAPANESE ENCEPHALITIS VIRUS AB	ACNC	PT	CSF	SQ	EIA	Not reportable
1388	Meningitis, viral	9538-0	LA CROSSE VIRUS AB	TITR	PT	CSF	QN	IF	Not reportable
1389	Meningitis, viral	9539-8	LA CROSSE VIRUS AB.IGG	TITR	PT	CSF	QN	IF	Not reportable
1390	Meningitis, viral	9540-6	LA CROSSE VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
1391	Meningitis, viral	9564-6	LYMPHOCYTIC CHORIOMENINGITIS VIRUS AB	TITR	PT	CSF	QN	CF	
1392	Meningitis, viral	9766-7	LYMPHOCYTIC CHORIOMENINGITIS VIRUS AB.IGG	TITR	PT	CSF	QN	IF	
1393	Meningitis, viral	9768-3	LYMPHOCYTIC CHORIOMENINGITIS VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Positive
1394	Meningitis, viral	9567-9	MUMPS VIRUS AB	TITR	PT	CSF	QN	CF	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1395	**Meningitis, viral**	**13266-2**	**MUMPS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1396	**Meningitis, viral**	**13267-0**	**MUMPS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1397	Meningitis, viral	7968-1	MUMPS VIRUS RNA	ACNC	PT	CSF	SQ	PCR/PROBE	Positive
1398	Meningitis, viral	6522-7	RABIES VIRUS AB	ACNC	PT	CSF	QN		Positive
1399	Meningitis, viral	6523-5	RABIES VIRUS AB	ACNC	PT	CSF	QN	NEUT	Positive
1400	Meningitis, viral	9576-0	RUBELLA VIRUS AB	ACNC	PT	CSF	QN	EIA	
1401	Meningitis, viral	9565-3	RUBEOLA VIRUS AB	TITR	PT	CSF	QN	CF	
1402	Meningitis, viral	9566-1	RUBEOLA VIRUS AB.IGG	ACNC	PT	CSF	QN	EIA	
1403	**Meningitis, viral**	**13283-7**	**RUBEOLA VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1404	Meningitis, viral	8021-8	SAINT LOUIS ENCEPHALITIS VIRUS AB	ACNC	PT	CSF	SQ	EIA	
1405	Meningitis, viral	9577-8	SAINT LOUIS ENCEPHALITIS VIRUS AB	TITR	PT	CSF	QN	IF	
1406	**Meningitis, viral**	**13230-8**	**SAINT LOUIS ENCEPHALITIS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1407	**Meningitis, viral**	**13231-6**	**SAINT LOUIS ENCEPHALITIS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1408	Meningitis, viral	9636-2	VARICELLA VIRUS AB	ACNC	PT	CSF	SQ		
1409	Meningitis, viral	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Meningitis, Viral organism List
1410	Meningitis, viral	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Meningitis, Viral organism List
1411	**Meningitis, viral**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Meningitis, Viral organism List**
1412	Meningitis, viral	9314-6	WESTERN EQUINE ENCEPHALITIS VIRUS AB	TITR	PT	CSF	QN	IF	
1413	Meningitis, viral	9315-3	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGG	TITR	PT	CSF	QN	IF	Not reportable
1414	Meningitis, viral	9316-1	WESTERN EQUINE ENCEPHALITIS VIRUS AB.IGM	TITR	PT	CSF	QN	IF	Not reportable
1415									
1416	Meningococcal disease	606-4	MICROORGANISM IDENTIFIED	PRID	PT	CSF	QL	STERILE BODY FLUID CULTURE	Meningococcal organism list
1417	Meningococcal disease	609-8	MICROORGANISM IDENTIFIED	PRID	PT	EYE	QL	AEROBIC CULTURE	Meningococcal organism list
1418	Meningococcal disease	10353-1	MICROORGANISM IDENTIFIED	PRID	PT	NOS	QL	AEROBIC CULTURE	Meningococcal organism list
1419	Meningococcal disease	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Meningococcal organism list
1420	Meningococcal disease	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Meningococcal organism list
1421	Meningococcal disease	6460-0	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	ROUTINE BACTERIAL CULTURE	Meningococcal organism list
1422	Meningococcal disease	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Meningococcal organism list
1423	Meningococcal disease	6508-6	NEISSERIA MENINGITIDIS AG	ACNC	PT	CSF	SQ		Positive
1424	Meningococcal disease	6492-3	NEISSERIA MENINGITIDIS AG	ACNC	PT	XXX	SQ	IF	Positive
1425	Meningococcal disease	6493-1	NEISSERIA MENINGITIDIS GROUP A AG	ACNC	PT	CSF	SQ	EIA	Positive
1426	Meningococcal disease	6494-9	NEISSERIA MENINGITIDIS GROUP A AG	ACNC	PT	CSF	SQ	LA	Positive
1427	Meningococcal disease	6495-6	NEISSERIA MENINGITIDIS GROUP A AG	ACNC	PT	XXX	SQ	IF	Positive
1428	Meningococcal disease	6496-4	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	EIA	Positive
1429	Meningococcal disease	6497-2	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	IF	Positive
1430	Meningococcal disease	6498-0	NEISSERIA MENINGITIDIS GROUP B AG	ACNC	PT	CSF	SQ	LA	Positive
1431	Meningococcal disease	6499-8	NEISSERIA MENINGITIDIS GROUP C AG	ACNC	PT	CSF	SQ	EIA	Positive
1432	Meningococcal disease	6500-3	NEISSERIA MENINGITIDIS GROUP C AG	ACNC	PT	CSF	SQ	LA	Positive
1433	Meningococcal disease	6501-1	NEISSERIA MENINGITIDIS GROUP C AG	ACNC	PT	XXX	SQ	IF	Positive
1434	Meningococcal disease	6502-9	NEISSERIA MENINGITIDIS GROUP Y AB	TITR	PT	XXX	SQ	IF	Not reportable
1435	Meningococcal disease	7972-3	NEISSERIA MENINGITIDIS GROUP Y AB	ACNC	PT	XXX	SQ		Not reportable
1436	Meningococcal disease	6503-7	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	EIA	Positive
1437	Meningococcal disease	6504-5	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	IF	Positive
1438	Meningococcal disease	6505-2	NEISSERIA MENINGITIDIS GROUP Y AG	ACNC	PT	CSF	SQ	LA	Positive
1439	Meningococcal disease	6509-4	NEISSERIA MENINGITIDIS RRNA	ACNC	PT	CSF	SQ	DNA PROBE	Positive

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1440	Meningococcal disease	5029-4	NEISSERIA MENINGITIDIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1441	Meningococcal disease	6506-0	NEISSERIA MENINGITIDIS W135 AG	ACNC	PT	CSF	SQ	IF	Positive
1442	Meningococcal disease	6507-8	NEISSERIA MENINGITIDIS W135 AG	ACNC	PT	CSF	SQ	LA	Positive
1443									
1444	Mumps	9567-9	MUMPS VIRUS AB	TITR	PT	CSF	QN	CF	Not reportable
1445	Mumps	7965-7	MUMPS VIRUS AB	ACNC	PT	SER	QN		Not reportable
1446	Mumps	5249-8	MUMPS VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
1447	Mumps	5250-6	MUMPS VIRUS AB	TITR	PT	SER	QN	IF	Not reportable
1448	**Mumps**	**13266-2**	**MUMPS VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1449	Mumps	6476-6	MUMPS VIRUS AB.IGG	ACNC	PT	SER	SQ	EIA	Not reportable
1450	Mumps	7966-5	MUMPS VIRUS AB.IGG	ACNC	PT	SER	QN		Not reportable
1451	Mumps	6477-4	MUMPS VIRUS AB.IGG	TITR	PT	SER	QN	IF	Not reportable
1452	**Mumps**	**13267-0**	**MUMPS VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1453	Mumps	6478-2	MUMPS VIRUS AB.IGM	ACNC	PT	SER	SQ	EIA	Positive
1454	Mumps	7967-3	MUMPS VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
1455	Mumps	6479-0	MUMPS VIRUS AB.IGM	TITR	PT	SER	QN	IF	Positive
1456	Mumps	6480-8	MUMPS VIRUS AG	ACNC	PT	SER	SQ	IF	Positive
1457	**Mumps**	**12237-4**	**MUMPS VIRUS AG**	**PRID**	**PT**	**XXX**	**QL**	**IF**	
1458	Mumps	7968-1	MUMPS VIRUS RNA	ACNC	PT	CSF	SQ	PCR/PROBE	Positive
1459	Mumps	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Mumps organism list
1460	Mumps	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Mumps organism list
1461	**Mumps**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Mumps organism list**
1462									
1463	Murine typhus	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Murine typhus organism list
1464	Murine typhus	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Murine typhus organism list
1465	Murine typhus	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Murine typhus organism list
1466	Murine typhus	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Murine typhus organism list
1467	Murine typhus	5324-9	RICKETTSIA TYPHI AB.IGG	TITR	PT	SER	QN	IF	
1468	Murine typhus	8007-7	RICKETTSIA TYPHI AB.IGG	ACNC	PT	SER	QN		
1469	Murine typhus	5325-6	RICKETTSIA TYPHI AB.IGM	TITR	PT	SER	QN	IF	Positive
1470	Murine typhus	8008-5	RICKETTSIA TYPHI AB.IGM	ACNC	PT	SER	QN		Positive
1471									
1472	Mycobacterium, non-TB	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1473	Mycobacterium, non-TB	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1474	Mycobacterium, non-TB	620-5	MICROORGANISM IDENTIFIED	PRID	PT	SKN	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1475	Mycobacterium, non-TB	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Non-tuberculosis mycobacterium organism list
1476	Mycobacterium, non-TB	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1477	Mycobacterium, non-TB	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Non-tuberculosis mycobacterium organism list
1478	Mycobacterium, non-TB	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Non-tuberculosis mycobacterium organism list
1479	Mycobacterium, non-TB	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1480	Mycobacterium, non-TB	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Non-tuberculosis mycobacterium organism list
1481	Mycobacterium, non-TB	11476-9	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN	Non-tuberculosis mycobacterium organism list
1482	Mycobacterium, non-TB	640-3	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.KINYOUN	Non-tuberculosis mycobacterium organism list
1483	Mycobacterium, non-TB	641-1	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.KINYOUN MODIFIED	Non-tuberculosis mycobacterium organism list
1484	Mycobacterium, non-TB	642-9	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Non-tuberculosis mycobacterium organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1485	Mycobacterium, non-TB	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Non-tuberculosis mycobacterium organism list
1486	Mycobacterium, non-TB	11479-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN	Non-tuberculosis mycobacterium organism list
1487	Mycobacterium, non-TB	6655-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.KINYOUN	Non-tuberculosis mycobacterium organism list
1488	Mycobacterium, non-TB	6656-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.KINYOUN MODIFIED	Non-tuberculosis mycobacterium organism list
1489	Mycobacterium, non-TB	6657-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Non-tuberculosis mycobacterium organism list
1490	Mycobacterium, non-TB	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Non-tuberculosis mycobacterium organism list
1491	Mycobacterium, non-TB	6663-9	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIMENEZ STAIN	Non-tuberculosis mycobacterium organism list
1492	Mycobacterium, non-TB	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Non-tuberculosis mycobacterium organism list
1493	Mycobacterium, non-TB	11480-1	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN	Non-tuberculosis mycobacterium organism list
1494	Mycobacterium, non-TB	650-2	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.KINYOUN	Non-tuberculosis mycobacterium organism list
1495	Mycobacterium, non-TB	651-0	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.KINYOUN MODIFIED	Non-tuberculosis mycobacterium organism list
1496	Mycobacterium, non-TB	652-8	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Non-tuberculosis mycobacterium organism list
1497	Mycobacterium, non-TB	5022-9	MYCOBACTERIUM AVIUM COMPLEX RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1498	Mycobacterium, non-TB	5023-7	MYCOBACTERIUM AVIUM RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1499	Mycobacterium, non-TB	5024-5	MYCOBACTERIUM GORDONAE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1500	Mycobacterium, non-TB	532-2	MYCOBACTERIUM IDENTIFIED	PRID	PT	ASP	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1501	Mycobacterium, non-TB	533-0	MYCOBACTERIUM IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1502	Mycobacterium, non-TB	9823-6	MYCOBACTERIUM IDENTIFIED	PRID	PT	BRO	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1503	Mycobacterium, non-TB	534-8	MYCOBACTERIUM IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1504	Mycobacterium, non-TB	535-5	MYCOBACTERIUM IDENTIFIED	PRID	PT	FLU	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1505	Mycobacterium, non-TB	9824-4	MYCOBACTERIUM IDENTIFIED	PRID	PT	GAST	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1506	Mycobacterium, non-TB	9825-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	ISLT	QL		Non-tuberculosis mycobacterium organism list
1507	Mycobacterium, non-TB	536-3	MYCOBACTERIUM IDENTIFIED	PRID	PT	MAR	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1508	Mycobacterium, non-TB	537-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	PRT	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1509	Mycobacterium, non-TB	538-9	MYCOBACTERIUM IDENTIFIED	PRID	PT	SNV	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1510	Mycobacterium, non-TB	539-7	MYCOBACTERIUM IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1511	Mycobacterium, non-TB	540-5	MYCOBACTERIUM IDENTIFIED	PRID	PT	TISS	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1512	Mycobacterium, non-TB	541-3	MYCOBACTERIUM IDENTIFIED	PRID	PT	UR	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1513	Mycobacterium, non-TB	542-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	WND	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1514	Mycobacterium, non-TB	543-9	MYCOBACTERIUM IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Non-tuberculosis mycobacterium organism list
1515	Mycobacterium, non-TB	5025-2	MYCOBACTERIUM INTRACELLULARE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1516	Mycobacterium, non-TB	5026-0	MYCOBACTERIUM KANSASII RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1517									
1518	Pertussis	548-8	BORDETELLA PERTUSSIS	ACNC	PT	THRT	SQ	ORGANISM SPECIFIC CULTURE	Positive
1519	Pertussis	549-6	BORDETELLA PERTUSSIS	ACNC	PT	XXX	SQ	ORGANISM SPECIFIC CULTURE	Positive
1520	Pertussis	5059-1	BORDETELLA PERTUSSIS AB	ACNC	PT	SER	QN	EIA	Not reportable
1521	Pertussis	6315-6	BORDETELLA PERTUSSIS AB	TITR	PT	SER	QN	AGGL	Not reportable
1522	Pertussis	6316-4	BORDETELLA PERTUSSIS AB	TITR	PT	SER	QN	CF	Not reportable
1523	Pertussis	6314-9	BORDETELLA PERTUSSIS AB	TITR	PT	XXX	QN	IF	Not reportable
1524	Pertussis	9362-5	BORDETELLA PERTUSSIS AB.IGA	ACNC	PT	SER	QN		Not reportable
1525	Pertussis	9363-3	BORDETELLA PERTUSSIS AB.IGG	ACNC	PT	SER	QN		Not reportable
1526	Pertussis	9364-1	BORDETELLA PERTUSSIS AB.IGM	ACNC	PT	SER	QN		Positive
1527	Pertussis	550-4	BORDETELLA PERTUSSIS AG	ACNC	PT	XXX	SQ	IF	Not reportable
1528	Pertussis	6317-2	BORDETELLA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Pertussis organism list
1529	Pertussis	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Pertussis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1530	Pertussis	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Pertussis organism list
1531	Pertussis	10353-1	MICROORGANISM IDENTIFIED	PRID	PT	NOS	QL	AEROBIC CULTURE	Pertussis organism list
1532	Pertussis	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Pertussis organism list
1533									
1534	Plague	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Plague organism list
1535	Plague	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Plague organism list
1536	Plague	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Plague organism list
1537	Plague	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Plague organism list
1538	Plague	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Plague organism list
1539	Plague	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Plague organism list
1540	Plague	5411-4	YERSINIA SP AB	ACNC	PT	SER	QN		
1541	Plague	701-3	YERSINIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Plague organism list
1542									
1543	Pneumocystis	648-6	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	GRAM STAIN	Pneumocytis organism list
1544	Pneumocystis	6468-3	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	CALCOFLUOR WHITE PREPARATION	Pneumocytis organism list
1545	Pneumocystis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Pneumocytis organism list
1546	Pneumocystis	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Pneumocytis organism list
1547	Pneumocystis	6472-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	CALCOFLUOR WHITE PREPARATION	Pneumocytis organism list
1548	Pneumocystis	6667-0	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	KOH PREPARATION	Pneumocytis organism list
1549	Pneumocystis	6675-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	PERIODIC ACID-SCHIFF STAIN	Pneumocytis organism list
1550	Pneumocystis	6518-5	PNEUMOCYSTIS CARINII AG	ACNC	PT	SER	SQ	IF	Positive
1551	Pneumocystis	6519-3	PNEUMOCYSTIS CARINII AG	ACNC	PT	SPT	SQ	IF	Positive
1552	Pneumocystis	700-5	PNEUMOCYSTIS CARINII AG	ACNC	PT	XXX	SQ	IF	Positive
1553	Pneumocystis	6521-9	PNEUMOCYSTIS CARINII DNA	ACNC	PT	XXX	SQ	PCR/PROBE	Positive
1554	Pneumocystis	10712-8	PNEUMOCYSTIS SP IDENTIFIED	PRID	PT	TLNG	QL		Pneumocytis organism list
1555	**Pneumocystis**	**13326-4**	**PNEUMOCYSTIS SP IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**MICROSCOPY.LIGHT**	
1556									
1557	Poliomyelitis	5281-1	POLIO TYPE I VIRUS AB	ACNC	PT	SER	QN	NEUT	Not reportable
1558	Poliomyelitis	5282-9	POLIO TYPE I VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
1559	Poliomyelitis	7985-5	POLIO TYPE I VIRUS AB	ACNC	PT	SER	QN		Not reportable
1560	Poliomyelitis	5283-7	POLIO TYPE II VIRUS AB	ACNC	PT	SER	QN	NEUT	Not reportable
1561	Poliomyelitis	5284-5	POLIO TYPE II VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
1562	Poliomyelitis	7986-3	POLIO TYPE II VIRUS AB	ACNC	PT	SER	QN		Not reportable
1563	Poliomyelitis	5285-2	POLIO TYPE III VIRUS AB	ACNC	PT	SER	QN	NEUT	Not reportable
1564	Poliomyelitis	5286-0	POLIO TYPE III VIRUS AB	TITR	PT	SER	QN	CF	Not reportable
1565	Poliomyelitis	7987-1	POLIO TYPE III VIRUS AB	ACNC	PT	SER	QN		Not reportable
1566	Poliomyelitis	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Poliomyelitis organism list
1567	Poliomyelitis	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Poliomyelitis organism list
1568	Poliomyelitis	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Poliomyelitis organism list
1569	Poliomyelitis	10737-5	VIRUS IDENTIFIED	PRID	PT	STL	QL	MICROSCOPY.ELECTRON	Poliomyelitis organism list
1570	Poliomyelitis	5886-7	VIRUS IDENTIFIED	PRID	PT	STL	QL	VIRUS CULTURE	Poliomyelitis organism list
1571	Poliomyelitis	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Poliomyelitis organism list
1572	**Poliomyelitis**	**12272-1**	**VIRUS IDENTIFIED**	**PRID**	**PT**	**XXX**	**QL**	**IF**	**Poliomyelitis organism list**
1573									
1574	Psittacosis	5079-9	CHLAMYDIA PSITTACI AB	TITR	PT	SER	QN	CF	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1575	Psittacosis	7822-0	CHLAMYDIA PSITTACI AB	ACNC	PT	SER	QN		
1576	Psittacosis	6915-3	CHLAMYDIA PSITTACI AB.IGA	TITR	PT	SER	QN	IF	
1577	Psittacosis	5080-7	CHLAMYDIA PSITTACI AB.IGG	ACNC	PT	SER	QN		
1578	Psittacosis	6916-1	CHLAMYDIA PSITTACI AB.IGG	TITR	PT	SER	QN	IF	
1579	Psittacosis	5081-5	CHLAMYDIA PSITTACI AB.IGM	ACNC	PT	SER	QN		Positive
1580	Psittacosis	6917-9	CHLAMYDIA PSITTACI AB.IGM	TITR	PT	SER	QN	IF	Positive
1581	Psittacosis	6338-8	CHLAMYDIA PSITTACI AG	ACNC	PT	GEN	SQ	EIA	Positive
1582	Psittacosis	6339-6	CHLAMYDIA PSITTACI AG	ACNC	PT	GEN	SQ	IF	Positive
1583	Psittacosis	6340-4	CHLAMYDIA PSITTACI AG	ACNC	PT	XXX	SQ	EIA	Positive
1584	Psittacosis	6341-2	CHLAMYDIA PSITTACI AG	ACNC	PT	XXX	SQ	IF	Positive
1585	Psittacosis	556-1	CHLAMYDIA SP IDENTIFIED	PRID	PT	CNJT	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1586	Psittacosis	557-9	CHLAMYDIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1587	Psittacosis	6348-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1588	Psittacosis	558-7	CHLAMYDIA SP IDENTIFIED	PRID	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1589	Psittacosis	559-5	CHLAMYDIA SP IDENTIFIED	PRID	PT	URTH	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1590	Psittacosis	560-3	CHLAMYDIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Psittacosis organism list
1591									
1592	Q fever	5100-3	COXIELLA BURNETII AB	TITR	PT	SER	QN	CF	
1593	Q fever	7828-7	COXIELLA BURNETII AB	ACNC	PT	SER	QN		
1594	Q fever	7829-5	COXIELLA BURNETII AB.IGG PHASE 1	ACNC	PT	SER	QN		
1595	Q fever	7830-3	COXIELLA BURNETII AB.IGG PHASE 2	ACNC	PT	SER	QN		
1596	Q fever	7831-1	COXIELLA BURNETII AB.IGM PHASE 1	ACNC	PT	SER	QN		Positive
1597	Q fever	7832-9	COXIELLA BURNETII AB.IGM PHASE 2	ACNC	PT	SER	QN		Positive
1598	Q fever	9706-3	COXIELLA BURNETII PHASE 1 AB.IGA	TITR	PT	SER	QN		
1599	Q fever	9708-9	COXIELLA BURNETII PHASE 1 AB.IGG	TITR	PT	SER	QN		
1600	Q fever	9710-5	COXIELLA BURNETII PHASE 1 AB.IGM	TITR	PT	SER	QN		Positive
1601	Q fever	9707-1	COXIELLA BURNETII PHASE 2 AB.IGA	TITR	PT	SER	QN		
1602	Q fever	9709-7	COXIELLA BURNETII PHASE 2 AB.IGG	TITR	PT	SER	QN		
1603	Q fever	9711-3	COXIELLA BURNETII PHASE 2 AB.IGM	TITR	PT	SER	QN		Positive
1604									
1605	Rabies (human)	6522-7	RABIES VIRUS AB	ACNC	PT	CSF	QN		Positive
1606	Rabies (human)	6523-5	RABIES VIRUS AB	ACNC	PT	CSF	QN	NEUT	
1607	Rabies (human)	5288-6	RABIES VIRUS AB	ACNC	PT	SER	QN		Positive
1608	Rabies (human)	6524-3	RABIES VIRUS AB	ACNC	PT	SER	QN	NEUT	>1:5
1609	Rabies (human)	6525-0	RABIES VIRUS AB	ACNC	PT	TISS	QN	NEUT	>1:5
1610	Rabies (human)	6526-8	RABIES VIRUS AB	ACNC	PT	XXX	QN		Positive
1611	Rabies (human)	6527-6	RABIES VIRUS AB	ACNC	PT	XXX	QN	NEUT	>1:5
1612	Rabies (human)	6528-4	RABIES VIRUS AG	ACNC	PT	TISS	SQ	IF	Positive
1613	Rabies (human)	6529-2	RABIES VIRUS AG	ACNC	PT	TISS	QN	IF	Positive
1614	Rabies (human)	6532-6	RABIES VIRUS AG	ACNC	PT	XXX	SQ	IF	Positive
1615	Rabies (human)	6533-4	RABIES VIRUS AG	ACNC	PT	XXX	QN	IF	Positive
1616	Rabies (human)	6536-7	RABIES VIRUS IDENTIFIED	PRID	PT	TISS	QL	ORGANISM SPECIFIC CULTURE	Rabies (human) organism list
1617	Rabies (human)	6539-1	RABIES VIRUS IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Rabies (human) organism list
1618	Rabies (human)	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Rabies (human) organism list
1619	Rabies (human)	10738-3	VIRUS IDENTIFIED	PRID	PT	TISS	QL	MICROSCOPY.ELECTRON	Rabies (human) organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1620									
1621	Relapsing fever	6323-0	BORRELIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Relapsing fever organism list
1622	Relapsing fever	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Relapsing fever organism list
1623	Relapsing fever	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Relapsing fever organism list
1624	Relapsing fever	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Relapsing fever organism list
1625	Relapsing fever	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Relapsing fever organism list
1626	Relapsing fever	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Relapsing fever organism list
1627	Relapsing fever	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Relapsing fever organism list
1628	Relapsing fever	6663-9	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIMENEZ STAIN	Relapsing fever organism list
1629	Relapsing fever	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Relapsing fever organism list
1630	Relapsing fever	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Relapsing fever organism list
1631									
1632	Rickettsial infection	5303-3	RICKETTSIA (PROTEUS OX19) AB	ACNC	PT	SER	SQ	LA	Not reportable
1633	Rickettsial infection	5304-1	RICKETTSIA (PROTEUS OX2) AB	ACNC	PT	SER	SQ	LA	Not reportable
1634	Rickettsial infection	5305-8	RICKETTSIA (PROTEUS OXK) AB	ACNC	PT	SER	SQ	LA	Not reportable
1635	Rickettsial infection	5306-6	RICKETTSIA AB	TITR	PT	SER	QN	CF	>1:16
1636	Rickettsial infection	7994-7	RICKETTSIA AB	ACNC	PT	SER	QN		
1637	Rickettsial infection	6542-5	RICKETTSIA PROWAZEKII AB	ACNC	PT	SER	QN	CF	>1:16
1638	Rickettsial infection	7995-4	RICKETTSIA PROWAZEKII AB	ACNC	PT	SER	QN		
1639	Rickettsial infection	7996-2	RICKETTSIA PROWAZEKII RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
1640	Rickettsial infection	5309-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	QN	EIA	
1641	Rickettsial infection	5310-8	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	SQ	LA	
1642	Rickettsial infection	5311-6	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	TITR	PT	SER	QN	IF	>1:64
1643	Rickettsial infection	7997-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	QN		
1644	Rickettsial infection	5312-4	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN	EIA	
1645	Rickettsial infection	5313-2	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	TITR	PT	SER	QN	IF	>1:64
1646	Rickettsial infection	7998-8	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN		
1647	Rickettsial infection	5314-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN	EIA	Positive
1648	Rickettsial infection	5315-7	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	TITR	PT	SER	QN	IF	>1:64
1649	Rickettsial infection	7999-6	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN		Positive
1650	Rickettsial infection	5307-4	RICKETTSIA RICKETTSII AB.IGG	TITR	PT	SER	QN	IF	>1:64
1651	Rickettsial infection	8003-6	RICKETTSIA RICKETTSII AB.IGG	ACNC	PT	SER	QN		
1652	Rickettsial infection	5308-2	RICKETTSIA RICKETTSII AB.IGM	TITR	PT	SER	QN	IF	>1:64
1653	Rickettsial infection	8004-4	RICKETTSIA RICKETTSII AB.IGM	ACNC	PT	SER	QN		Positive
1654	Rickettsial infection	6543-3	RICKETTSIA RICKETTSII AG	PRID	PT	TISS	QL	IF	>1:64
1655	Rickettsial infection	8005-1	RICKETTSIA RICKETTSII RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
1656	Rickettsial infection	11482-7	RICKETTSIA RICKETTSII RNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
1657	Rickettsial infection	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Rickettsia organism list
1658	Rickettsial infection	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Rickettsia organism list
1659	Rickettsial infection	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Rickettsia organism list
1660	Rickettsial infection	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Rickettsia organism list
1661	Rickettsial infection	5323-1	RICKETTSIA TSUTSUGAMUCHI AB	TITR	PT	SER	QN	CF	>1:16
1662	Rickettsial infection	8006-9	RICKETTSIA TSUTSUGAMUCHI AB	ACNC	PT	SER	QN		
1663	Rickettsial infection	5324-9	RICKETTSIA TYPHI AB.IGG	TITR	PT	SER	QN	IF	>1:64
1664	Rickettsial infection	8007-7	RICKETTSIA TYPHI AB.IGG	ACNC	PT	SER	QN		

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1665	Rickettsial infection	5325-6	RICKETTSIA TYPHI AB.IGM	TITR	PT	SER	QN	IF	>1:64
1666	Rickettsial infection	8008-5	RICKETTSIA TYPHI AB.IGM	ACNC	PT	SER	QN		Positive
1667	Rickettsial infection	5316-5	RICKETTSIA TYPHUS GROUP AB	ACNC	PT	SER	SQ	EIA	
1668	Rickettsial infection	5317-3	RICKETTSIA TYPHUS GROUP AB	ACNC	PT	SER	SQ	LA	
1669	Rickettsial infection	5318-1	RICKETTSIA TYPHUS GROUP AB	TITR	PT	SER	QN	IF	>1:64
1670	Rickettsial infection	8000-2	RICKETTSIA TYPHUS GROUP AB	ACNC	PT	SER	QN		
1671	Rickettsial infection	5319-9	RICKETTSIA TYPHUS GROUP AB.IGG	ACNC	PT	SER	QN	EIA	
1672	Rickettsial infection	5320-7	RICKETTSIA TYPHUS GROUP AB.IGG	TITR	PT	SER	QN	IF	>1:64
1673	Rickettsial infection	8001-0	RICKETTSIA TYPHUS GROUP AB.IGG	ACNC	PT	SER	QN		
1674	Rickettsial infection	5321-5	RICKETTSIA TYPHUS GROUP AB.IGM	ACNC	PT	SER	QN	EIA	Positive
1675	Rickettsial infection	5322-3	RICKETTSIA TYPHUS GROUP AB.IGM	TITR	PT	SER	QN	IF	>1:64
1676	Rickettsial infection	8002-8	RICKETTSIA TYPHUS GROUP AB.IGM	ACNC	PT	SER	QN		Positive
1677									
1678	Rickettsialpox	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Rickettsialpox organism list
1679	Rickettsialpox	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Rickettsialpox organism list
1680	Rickettsialpox	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Rickettsialpox organism list
1681	Rickettsialpox	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Rickettsialpox organism list
1682									
1683	Rocky mountain spotted fever	5309-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	QN	EIA	Positive
1684	Rocky mountain spotted fever	5310-8	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	SQ	LA	>1:128
1685	Rocky mountain spotted fever	5311-6	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	TITR	PT	SER	QN	IF	>1:64
1686	Rocky mountain spotted fever	7997-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP AB	ACNC	PT	SER	QN		Positive
1687	Rocky mountain spotted fever	5312-4	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN	EIA	
1688	Rocky mountain spotted fever	5313-2	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	TITR	PT	SER	QN	IF	
1689	Rocky mountain spotted fever	7998-8	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN		
1690	Rocky mountain spotted fever	5314-0	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN	EIA	Positive
1691	Rocky mountain spotted fever	5315-7	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	TITR	PT	SER	QN	IF	Positive
1692	Rocky mountain spotted fever	7999-6	RICKETTSIA RICKETTSIAE.SPOTTED FEVER GROUP	ACNC	PT	SER	QN		Positive
1693	Rocky mountain spotted fever	5307-4	RICKETTSIA RICKETTSII AB.IGG	TITR	PT	SER	QN	IF	
1694	Rocky mountain spotted fever	8003-6	RICKETTSIA RICKETTSII AB.IGG	ACNC	PT	SER	QN		
1695	Rocky mountain spotted fever	5308-2	RICKETTSIA RICKETTSII AB.IGM	TITR	PT	SER	QN	IF	Positive
1696	Rocky mountain spotted fever	8004-4	RICKETTSIA RICKETTSII AB.IGM	ACNC	PT	SER	QN		Positive
1697	Rocky mountain spotted fever	6543-3	RICKETTSIA RICKETTSII AG	PRID	PT	TISS	QL	IF	Positive
1698	Rocky mountain spotted fever	8005-1	RICKETTSIA RICKETTSII RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
1699	Rocky mountain spotted fever	11482-7	RICKETTSIA RICKETTSII RNA	ACNC	PT	TISS	SQ	PCR/PROBE	Positive
1700	Rocky mountain spotted fever	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Rocky Mountain spotted fever organism list
1701	Rocky mountain spotted fever	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Rocky Mountain spotted fever organism list
1702	Rocky mountain spotted fever	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Rocky Mountain spotted fever organism list
1703	Rocky mountain spotted fever	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Rocky Mountain spotted fever organism list
1704									
1705	Rotavirus	10714-4	ROTAVIRUS	PRID	PT	STL	QL	MICROSCOPY.ELECTRON	Rotavirus organism list
1706	Rotavirus	8011-9	ROTAVIRUS	ACNC	PT	STL	SQ	MICROSCOPY.ELECTRON	Positive
1707	Rotavirus	5328-0	ROTAVIRUS AB	ACNC	PT	SER	QN		Not reportable
1708	Rotavirus	5329-8	ROTAVIRUS AB	ACNC	PT	SER	QN	CIE	Not reportable
1709	Rotavirus	9575-2	ROTAVIRUS AB	TITR	PT	SER	QN	CF	Not reportable

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1710	Rotavirus	5879-2	ROTAVIRUS AG	ACNC	PT	STL	SQ	AGGL	Positive
1711	Rotavirus	5880-0	ROTAVIRUS AG	ACNC	PT	STL	SQ	EIA	Positive
1712	Rotavirus	8012-7	ROTAVIRUS LITTLE(DS)RNA	ACNC	PT	STL	SQ	PCR/PROBE	Positive
1713	Rotavirus	6547-4	ROTAVIRUS SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Rotavirus organism list
1714									
1715	Rubella	9576-0	RUBELLA VIRUS AB	ACNC	PT	CSF	QN	EIA	Not reportable
1716	Rubella	5330-6	RUBELLA VIRUS AB	ACNC	PT	SER	QN	HAI	Not reportable
1717	Rubella	5331-4	RUBELLA VIRUS AB	ACNC	PT	SER	SQ	HAI	Not reportable
1718	Rubella	5332-2	RUBELLA VIRUS AB	ACNC	PT	SER	SQ	LA	Not reportable
1719	Rubella	8013-5	RUBELLA VIRUS AB	ACNC	PT	SER	QN		Not reportable
1720	Rubella	5333-0	RUBELLA VIRUS AB	TITR	PT	SER	QN	LA	Not reportable
1721	**Rubella**	**13281-1**	**RUBELLA VIRUS AB.IGG**	**ACNC**	**PT**	**CSF**	**QN**		
1722	Rubella	5334-8	RUBELLA VIRUS AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1723	Rubella	8014-3	RUBELLA VIRUS AB.IGG	ACNC	PT	SER	QN		Not reportable
1724	**Rubella**	**13279-5**	**RUBELLA VIRUS AB.IGG^ACUTE SPECIMEN**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1725	**Rubella**	**13280-3**	**RUBELLA VIRUS AB.IGG^CONVALESCENT**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1726	**Rubella**	**13282-9**	**RUBELLA VIRUS AB.IGM**	**ACNC**	**PT**	**CSF**	**QN**		
1727	Rubella	5335-5	RUBELLA VIRUS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
1728	Rubella	8015-0	RUBELLA VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
1729	**Rubella**	**12251-5**	**RUBELLA VIRUS AG**	**PRID**	**PT**	**XXX**	**QL**	**IF**	
1730	Rubella	6548-2	RUBELLA VIRUS IDENTIFIED	PRID	PT	SER	QL	ORGANISM SPECIFIC CULTURE	Rubella organism list
1731	Rubella	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Rubella organism list
1732	Rubella	10736-7	VIRUS IDENTIFIED	PRID	PT	CSF	QL	MICROSCOPY.ELECTRON	Rubella organism list
1733	Rubella	5884-2	VIRUS IDENTIFIED	PRID	PT	CSF	QL	VIRUS CULTURE	Rubella organism list
1734	Rubella	5887-5	VIRUS IDENTIFIED	PRID	PT	THRT	QL	VIRUS CULTURE	Rubella organism list
1735									
1736	Salmonellosis, non-typhoid	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1737	Salmonellosis, non-typhoid	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Non-typhoid salmonellosis organism list
1738	Salmonellosis, non-typhoid	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1739	Salmonellosis, non-typhoid	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1740	Salmonellosis, non-typhoid	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1741	Salmonellosis, non-typhoid	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Non-typhoid salmonellosis organism list
1742	Salmonellosis, non-typhoid	6459-2	MICROORGANISM IDENTIFIED	PRID	PT	FOOD	QL	FOOD CULTURE	Non-typhoid salmonellosis organism list
1743	Salmonellosis, non-typhoid	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Non-typhoid salmonellosis organism list
1744	Salmonellosis, non-typhoid	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Non-typhoid salmonellosis organism list
1745	Salmonellosis, non-typhoid	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1746	Salmonellosis, non-typhoid	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Non-typhoid salmonellosis organism list
1747	Salmonellosis, non-typhoid	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Non-typhoid salmonellosis organism list
1748	Salmonellosis, non-typhoid	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1749	Salmonellosis, non-typhoid	6462-6	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	ROUTINE BACTERIAL CULTURE	Non-typhoid salmonellosis organism list
1750	Salmonellosis, non-typhoid	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Non-typhoid salmonellosis organism list
1751	Salmonellosis, non-typhoid	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Non-typhoid salmonellosis organism list
1752	Salmonellosis, non-typhoid	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Non-typhoid salmonellosis organism list
1753	Salmonellosis, non-typhoid	5338-9	SALMONELLA AB	TITR	PT	SER	QN	LA	Not reportable
1754	Salmonellosis, non-typhoid	5339-7	SALMONELLA PARATYPHOID A H AB	ACNC	PT	SER	SQ	LA	Not reportable

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1755	Salmonellosis, non-typhoid	5340-5	SALMONELLA PARATYPHOID A O AB	ACNC	PT	SER	SQ	LA	Not reportable
1756	Salmonellosis, non-typhoid	5341-3	SALMONELLA PARATYPHOID B H AB	ACNC	PT	SER	SQ	LA	Not reportable
1757	Salmonellosis, non-typhoid	5342-1	SALMONELLA PARATYPHOID B O AB	ACNC	PT	SER	SQ	LA	Not reportable
1758	Salmonellosis, non-typhoid	5343-9	SALMONELLA PARATYPHOID C H AB	ACNC	PT	SER	SQ	LA	Not reportable
1759	Salmonellosis, non-typhoid	5344-7	SALMONELLA PARATYPHOID C O AB	ACNC	PT	SER	SQ	LA	Not reportable
1760	**Salmonellosis, non-typhoid**	**11603-8**	**SALMONELLA SP AB**	**ACNC**	**PT**	**SER**	**QN**		
1761	Salmonellosis, non-typhoid	9672-7	SALMONELLA SP AB.IGA	ACNC	PT	SER	QN		Not reportable
1762	Salmonellosis, non-typhoid	9673-5	SALMONELLA SP AB.IGG	ACNC	PT	SER	QN		Not reportable
1763	Salmonellosis, non-typhoid	9674-3	SALMONELLA SP AB.IGM	ACNC	PT	SER	QN		
1764									
1765	Scrub typhus	5878-4	RICKETTSIA SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Scrub typhus organism list
1766	Scrub typhus	6544-1	RICKETTSIA SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Scrub typhus organism list
1767	Scrub typhus	6545-8	RICKETTSIA SP IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Scrub typhus organism list
1768	Scrub typhus	6546-6	RICKETTSIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Scrub typhus organism list
1769	Scrub typhus	5323-1	RICKETTSIA TSUTSUGAMUCHI AB	TITR	PT	SER	QN	CF	
1770	Scrub typhus	8006-9	RICKETTSIA TSUTSUGAMUCHI AB	ACNC	PT	SER	QN		
1771									
1772	Shigellosis	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Shigellosis organism list
1773	Shigellosis	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Shigellosis organism list
1774	Shigellosis	6459-2	MICROORGANISM IDENTIFIED	PRID	PT	FOOD	QL	FOOD CULTURE	Shigellosis organism list
1775	Shigellosis	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Shigellosis organism list
1776	Shigellosis	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Shigellosis organism list
1777	Shigellosis	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Shigellosis organism list
1778	Shigellosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Shigellosis organism list
1779	Shigellosis	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Shigellosis organism list
1780	Shigellosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Shigellosis organism list
1781	Shigellosis	5350-4	SHIGELLA AB	ACNC	PT	SER	QN		Not reportable
1782	**Shigellosis**	**11602-0**	**SHIGELLA BOYDII AB**	**ACNC**	**PT**	**SER**	**QN**		
1783	Shigellosis	9712-1	SHIGELLA BOYDII AB	TITR	PT	SER	QN	CF	Not reportable
1784	**Shigellosis**	**11596-4**	**SHIGELLA DYSENTERIAE AB**	**ACNC**	**PT**	**SER**	**QN**		
1785	Shigellosis	9713-9	SHIGELLA DYSENTERIAE AB	TITR	PT	SER	QN	CF	Not reportable
1786	**Shigellosis**	**11600-4**	**SHIGELLA FLEXNERI AB**	**ACNC**	**PT**	**SER**	**QN**		
1787	Shigellosis	9714-7	SHIGELLA FLEXNERI AB	TITR	PT	SER	QN	CF	Not reportable
1788	**Shigellosis**	**11611-1**	**SHIGELLA SONNEI AB**	**ACNC**	**PT**	**SER**	**QN**		
1789	Shigellosis	9715-4	SHIGELLA SONNEI AB	TITR	PT	SER	QN	CF	Not reportable
1790									
1791	**Streptococcus pneumoniae**	**13131-8**	**STREPTOCOCCUS PNEUMONIAE 1 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1792	Streptococcus pneumoniae	9455-7	STREPTOCOCCUS PNEUMONIAE 1 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1793	**Streptococcus pneumoniae**	**13139-1**	**STREPTOCOCCUS PNEUMONIAE 1 AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1794	**Streptococcus pneumoniae**	**13140-9**	**STREPTOCOCCUS PNEUMONIAE 1 AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1795	**Streptococcus pneumoniae**	**13163-1**	**STREPTOCOCCUS PNEUMONIAE 12 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1796	**Streptococcus pneumoniae**	**13135-9**	**STREPTOCOCCUS PNEUMONIAE 12F AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1797	Streptococcus pneumoniae	9456-5	STREPTOCOCCUS PNEUMONIAE 12F AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1798	**Streptococcus pneumoniae**	**13153-2**	**STREPTOCOCCUS PNEUMONIAE 12F AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1799	**Streptococcus pneumoniae**	**13154-0**	**STREPTOCOCCUS PNEUMONIAE 12F AB^POST/STREPTOCCUS PNEUMONIAE 12F AB^BS**	**RATIO**	**PT**	**SER/PLAS**	**QN**		
1800	Streptococcus pneumoniae	8027-5	STREPTOCOCCUS PNEUMONIAE 14 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1801	**Streptococcus pneumoniae**	**13155-7**	**STREPTOCOCCUS PNEUMONIAE 14 AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1802	**Streptococcus pneumoniae**	**13156-5**	**STREPTOCOCCUS PNEUMONIAE 14 AB^POST/STREPTOCOCCUS PNEUMONIAE 14**	**RATIO**	**PT**	**SER/PLAS**	**QN**		
1803	**Streptococcus pneumoniae**	**13136-7**	**STREPTOCOCCUS PNEUMONIAE 18C AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1804	**Streptococcus pneumoniae**	**13157-3**	**STREPTOCOCCUS PNEUMONIAE 18C AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1805	**Streptococcus pneumoniae**	**13158-1**	**STREPTOCOCCUS PNEUMONIAE 18C AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1806	**Streptococcus pneumoniae**	**13165-6**	**STREPTOCOCCUS PNEUMONIAE 19 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1807	**Streptococcus pneumoniae**	**13137-5**	**STREPTOCOCCUS PNEUMONIAE 19F AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1808	Streptococcus pneumoniae	9457-3	STREPTOCOCCUS PNEUMONIAE 19F AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1809	**Streptococcus pneumoniae**	**13159-9**	**STREPTOCOCCUS PNEUMONIAE 19F AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1810	**Streptococcus pneumoniae**	**13160-7**	**STREPTOCOCCUS PNEUMONIAE 19F AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1811	**Streptococcus pneumoniae**	**13166-4**	**STREPTOCOCCUS PNEUMONIAE 23 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1812	**Streptococcus pneumoniae**	**13138-3**	**STREPTOCOCCUS PNEUMONIAE 23F AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1813	Streptococcus pneumoniae	9458-1	STREPTOCOCCUS PNEUMONIAE 23F AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1814	**Streptococcus pneumoniae**	**13161-5**	**STREPTOCOCCUS PNEUMONIAE 23F AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1815	**Streptococcus pneumoniae**	**13162-3**	**STREPTOCOCCUS PNEUMONIAE 23F AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1816	Streptococcus pneumoniae	8033-3	STREPTOCOCCUS PNEUMONIAE 3 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1817	**Streptococcus pneumoniae**	**13141-7**	**STREPTOCOCCUS PNEUMONIAE 3 AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1818	**Streptococcus pneumoniae**	**13142-5**	**STREPTOCOCCUS PNEUMONIAE 3 AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1819	**Streptococcus pneumoniae**	**13132-6**	**STREPTOCOCCUS PNEUMONIAE 4 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1820	Streptococcus pneumoniae	9459-9	STREPTOCOCCUS PNEUMONIAE 4 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1821	**Streptococcus pneumoniae**	**13143-3**	**STREPTOCOCCUS PNEUMONIAE 4 AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1822	**Streptococcus pneumoniae**	**13144-1**	**STREPTOCOCCUS PNEUMONIAE 4 AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1823	**Streptococcus pneumoniae**	**13167-2**	**STREPTOCOCCUS PNEUMONIAE 51 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1824	Streptococcus pneumoniae	9611-5	STREPTOCOCCUS PNEUMONIAE 56 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1825	**Streptococcus pneumoniae**	**13168-0**	**STREPTOCOCCUS PNEUMONIAE 6/26 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1826	Streptococcus pneumoniae	9460-7	STREPTOCOCCUS PNEUMONIAE 6A+6B AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1827	**Streptococcus pneumoniae**	**13133-4**	**STREPTOCOCCUS PNEUMONIAE 6B AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1828	**Streptococcus pneumoniae**	**13145-8**	**STREPTOCOCCUS PNEUMONIAE 6B AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1829	**Streptococcus pneumoniae**	**13146-6**	**STREPTOCOCCUS PNEUMONIAE 6B AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1830	Streptococcus pneumoniae	8028-3	STREPTOCOCCUS PNEUMONIAE 7F AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1831	**Streptococcus pneumoniae**	**13147-4**	**STREPTOCOCCUS PNEUMONIAE 7F AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1832	**Streptococcus pneumoniae**	**13148-2**	**STREPTOCOCCUS PNEUMONIAE 7F AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1833	**Streptococcus pneumoniae**	**13134-2**	**STREPTOCOCCUS PNEUMONIAE 8 AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1834	Streptococcus pneumoniae	9461-5	STREPTOCOCCUS PNEUMONIAE 8 AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1835	**Streptococcus pneumoniae**	**13149-0**	**STREPTOCOCCUS PNEUMONIAE 8 AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1836	**Streptococcus pneumoniae**	**13150-8**	**STREPTOCOCCUS PNEUMONIAE 8 AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1837	Streptococcus pneumoniae	8029-1	STREPTOCOCCUS PNEUMONIAE 9N AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1838	**Streptococcus pneumoniae**	**13151-6**	**STREPTOCOCCUS PNEUMONIAE 9N AB^BS**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1839	**Streptococcus pneumoniae**	**13152-4**	**STREPTOCOCCUS PNEUMONIAE 9N AB^POST**	**ACNC**	**PT**	**SER/PLA**	**QN**	**BLOOD CULTURE**	
1840	Streptococcus pneumoniae	10717-7	STREPTOCOCCUS PNEUMONIAE AB	ACNC	PT	SER	QN	LA	Not reportable
1841	Streptococcus pneumoniae	6552-4	STREPTOCOCCUS PNEUMONIAE AB	ACNC	PT	SER	SQ	EIA	Not reportable

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1842	Streptococcus pneumoniae	8030-9	STREPTOCOCCUS PNEUMONIAE AB	ACNC	PT	SER	SQ		Not reportable
1843	Streptococcus pneumoniae	5368-6	STREPTOCOCCUS PNEUMONIAE AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1844	Streptococcus pneumoniae	8031-7	STREPTOCOCCUS PNEUMONIAE AB.IGG	ACNC	PT	SER	QN		Not reportable
1845	Streptococcus pneumoniae	8032-5	STREPTOCOCCUS PNEUMONIAE AB.IGM	ACNC	PT	SER	QN		
1846	Streptococcus pneumoniae	6553-2	STREPTOCOCCUS PNEUMONIAE AG	ACNC	PT	CSF	SQ	IF	Positive
1847	Streptococcus pneumoniae	11086-6	STREPTOCOCCUS PNEUMONIAE AG	ACNC	PT	SER	SQ	no method	Positive
1848	Streptococcus pneumoniae	6554-0	STREPTOCOCCUS PNEUMONIAE AG	ACNC	PT	SPT	SQ	IF	
1849	Streptococcus pneumoniae	6555-7	STREPTOCOCCUS PNEUMONIAE AG	ACNC	PT	XXX	SQ	IF	Positive
1850	Streptococcus pneumoniae	5035-1	STREPTOCOCCUS PNEUMONIAE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	
1851									
1852	Streptococcus, Group A	5133-4	DNASE B AB.STREPTOCOCCAL	ACNC	PT	SER	QN		Not reportable
1853	Streptococcus, Group A	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Group A streptococcus organism list
1854	Streptococcus, Group A	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Group A streptococcus organism list
1855	Streptococcus, Group A	10352-3	MICROORGANISM IDENTIFIED	PRID	PT	GEN	QL	AEROBIC CULTURE	Not reportable
1856	Streptococcus, Group A	621-3	MICROORGANISM IDENTIFIED	PRID	PT	SNV	QL	STERILE BODY FLUID CULTURE	Group A streptococcus organism list
1857	Streptococcus, Group A	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Not reportable
1858	Streptococcus, Group A	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Not reportable
1859	Streptococcus, Group A	635-3	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ANAEROBIC CULTURE	Not reportable
1860	Streptococcus, Group A	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Not reportable
1861	Streptococcus, Group A	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Not reportable
1862	Streptococcus, Group A	10355-6	MICROSCOPIC OBSERVATION	PRID	PT	MAR	QL	WRIGHT GIEMSA STAIN	Group A streptococcus organism list
1863	Streptococcus, Group A	6819-7	STREPTOCOCCUS AB	ACNC	PT	SER	SQ		Not reportable
1864	Streptococcus, Group A	6820-5	STREPTOCOCCUS AB	TITR	PT	SER	QN		Not reportable
1865	Streptococcus, Group A	6556-5	STREPTOCOCCUS PYOGENES AG	ACNC	PT	THRT	SQ	EIA	Not reportable
1866	Streptococcus, Group A	6557-3	STREPTOCOCCUS PYOGENES AG	ACNC	PT	THRT	SQ	IF	Not reportable
1867	Streptococcus, Group A	6558-1	STREPTOCOCCUS PYOGENES AG	ACNC	PT	XXX	SQ	EIA	Not reportable
1868	Streptococcus, Group A	6559-9	STREPTOCOCCUS PYOGENES AG	ACNC	PT	XXX	SQ	IF	Not reportable
1869	Streptococcus, Group A	5172-2	STREPTOCOCCUS PYOGENES ENZYME AB	ACNC	PT	SER	SQ	LA	Not reportable
1870	Streptococcus, Group A	5173-0	STREPTOCOCCUS PYOGENES ENZYME AB	TITR	PT	SER	QN	LA	Not reportable
1871	Streptococcus, Group A	5036-9	STREPTOCOCCUS PYOGENES RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Not reportable
1872	Streptococcus, Group A	546-2	STREPTOCOCCUS.BETA-HEMOLYTIC	ACNC	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1873	Streptococcus, Group A	547-0	STREPTOCOCCUS.BETA-HEMOLYTIC	ACNC	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1874									
1875	Streptococcus, Group B	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Group B streptococcus organism list
1876	Streptococcus, Group B	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Group B streptococcus organism list
1877	Streptococcus, Group B	10352-3	MICROORGANISM IDENTIFIED	PRID	PT	GEN	QL	AEROBIC CULTURE	Not reportable
1878	Streptococcus, Group B	621-3	MICROORGANISM IDENTIFIED	PRID	PT	SNV	QL	STERILE BODY FLUID CULTURE	Group B streptococcus organism list
1879	Streptococcus, Group B	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Not reportable
1880	Streptococcus, Group B	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Group B streptococcus organism list
1881	Streptococcus, Group B	628-8	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	ANAEROBIC CULTURE	Group B streptococcus organism list
1882	Streptococcus, Group B	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Not reportable
1883	Streptococcus, Group B	633-8	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	ANAEROBIC CULTURE	Not reportable
1884	Streptococcus, Group B	6462-6	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	ROUTINE BACTERIAL CULTURE	Not reportable
1885	Streptococcus, Group B	9786-5	MICROSCOPIC OBSERVATION	PRID	PT	BLD/MAR	QL	PERIODIC ACID-SCHIFF STAIN	Group B streptococcus organism list
1886	Streptococcus, Group B	6551-6	STREPTOCOCCUS AGALACTIAE AG	ACNC	PT	THRT	SQ	IF	Not reportable

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1887	Streptococcus, Group B	581-9	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	CVX	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1888	Streptococcus, Group B	582-7	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1889	Streptococcus, Group B	583-5	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	GENL	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1890	Streptococcus, Group B	584-3	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	GENV	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1891	Streptococcus, Group B	585-0	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	THRT	QL	ORGANISM SPECIFIC CULTURE	Not reportable
1892	Streptococcus, Group B	586-8	STREPTOCOCCUS AGALACTIAE IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Group B streptococcus organism list
1893	Streptococcus, Group B	5034-4	STREPTOCOCCUS AGALACTIAE RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
1894									
1895	Strongyloides	10671-6	HELMINTH IDENTIFIED	PRID	PT	XXX	QL		Strongyloides organism list
1896	Strongyloides	10672-4	HELMINTH/ARTHROPOD IDENTIFIED	PRID	PT	XXX	QL		Strongyloides organism list
1897	Strongyloides	5373-6	STRONGYLOIDES SP AB	ACNC	PT	SER	QN	HAI	Not reportable
1898	Strongyloides	8034-1	STRONGYLOIDES SP AB	ACNC	PT	SER	QN		Not reportable
1899	Strongyloides	10718-5	STRONGYLOIDES SP AB	ACNC	PT	SER/PLAS	QN	EIA	Not reportable
1900	Strongyloides	6632-4	STRONGYLOIDES STERCORALIS AB.IGG	ACNC	PT	SER	SQ	EIA	Not reportable
1901	Strongyloides	8035-8	STRONGYLOIDES STERCORALIS AB.IGG	ACNC	PT	SER	SQ		Not reportable
1902									
1903	Syphilis	6471-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL		Syphilis organism list
1904	Syphilis	6607-6	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	DARK FIELD EXAMINATION	Syphilis organism list
1905	Syphilis	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Syphilis organism list
1906	Syphilis	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Syphilis organism list
1907	Syphilis	5289-4	REAGIN AB	ACNC	PT	CSF	QN	FLOC	Positive
1908	Syphilis	5290-2	REAGIN AB	ACNC	PT	CSF	SQ	FLOC	Positive
1909	Syphilis	11084-1	REAGIN AB	TITR	PT	SER	QN		Positive
1910	Syphilis	5291-0	REAGIN AB	ACNC	PT	SER/PLAS	QN	FLOC	Positive
1911	Syphilis	5292-8	REAGIN AB	ACNC	PT	SER/PLAS	SQ	FLOC	Positive
1912	**Syphilis**	**13288-6**	**TREPONEMA PALLIDUM AB**	**ACNC**	**PT**	**BLD**	**QN**	**IF**	
1913	Syphilis	9826-9	TREPONEMA PALLIDUM AB	ACNC	PT	CSF	SQ	IF	Positive
1914	Syphilis	5392-6	TREPONEMA PALLIDUM AB	ACNC	PT	SER	QN	IMMOBILIZATION	Positive
1915	Syphilis	5393-4	TREPONEMA PALLIDUM AB	ACNC	PT	SER	SQ	IF	Positive
1916	Syphilis	8041-6	TREPONEMA PALLIDUM AB	ACNC	PT	SER	SQ	HAI	Positive
1917	**Syphilis**	**11597-2**	**TREPONEMA PALLIDUM AB**	**ACNC**	**PT**	**SER**	**QN**		
1918	Syphilis	5394-2	TREPONEMA PALLIDUM AB	TITR	PT	SER	QN	LA	Positive
1919	Syphilis	6561-5	TREPONEMA PALLIDUM AB.IGG	ACNC	PT	SER	SQ		Positive
1920	Syphilis	6562-3	TREPONEMA PALLIDUM AB.IGM	ACNC	PT	SER	SQ		Positive
1921									
1922	Tetanus	5092-2	CLOSTRIDIUM TETANI AB	ACNC	PT	SER	QN		Not reportable
1923	Tetanus	5093-0	CLOSTRIDIUM TETANI AB	ACNC	PT	SER	SQ		Not reportable
1924	Tetanus	6367-7	CLOSTRIDIUM TETANI AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
1925	Tetanus	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Tetanus organism list
1926	Tetanus	628-8	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	ANAEROBIC CULTURE	Tetanus organism list
1927									
1928	Toxoplasmosis	5387-6	TOXOPLASMA GONDII AB	ACNC	PT	SER	SQ	DYE TEST	
1929	**Toxoplasmosis**	**11598-0**	**TOXOPLASMA GONDII AB**	**ACNC**	**PT**	**SER**	**QN**		
1930	Toxoplasmosis	10723-5	TOXOPLASMA GONDII AB.IGA	ACNC	PT	SER/PLAS	QN	EIA	
1931	Toxoplasmosis	10724-3	TOXOPLASMA GONDII AB.IGE	ACNC	PT	SER/PLAS	QN	EIA	

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1932	Toxoplasmosis	5388-4	TOXOPLASMA GONDII AB.IGG	ACNC	PT	SER	QN	EIA	
1933	Toxoplasmosis	8039-0	TOXOPLASMA GONDII AB.IGG	ACNC	PT	SER	QN		
1934	Toxoplasmosis	5389-2	TOXOPLASMA GONDII AB.IGG	TITR	PT	SER	QN	IF	
1935	**Toxoplasmosis**	**12261-4**	**TOXOPLASMA GONDII AB.IGG**	**TITR**	**PT**	**SER**	**QN**	**MEIA**	
1936	**Toxoplasmosis**	**13286-0**	**TOXOPLASMA GONDII AB.IGG^CONVALESCENT**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1937	Toxoplasmosis	5390-0	TOXOPLASMA GONDII AB.IGM	ACNC	PT	SER	QN	EIA	
1938	Toxoplasmosis	8040-8	TOXOPLASMA GONDII AB.IGM	ACNC	PT	SER	QN		
1939	Toxoplasmosis	5391-8	TOXOPLASMA GONDII AB.IGM	TITR	PT	SER	QN	IF	
1940	**Toxoplasmosis**	**12262-2**	**TOXOPLASMA GONDII AB.IGM**	**TITR**	**PT**	**SER**	**QN**	**MEIA**	
1941	Toxoplasmosis	10725-0	TOXOPLASMA GONDII DNA	ACNC	PT	FLU	QN	AMP/PROBE	
1942	Toxoplasmosis	9741-0	TOXOPLASMA SP AB.IGG	ACNC	PT	CSF	QN		
1943	**Toxoplasmosis**	**13287-8**	**TOXOPLASMA SP AB.TOTAL**	**ACNC**	**PT**	**CSF**	**QN**		
1944	**Toxoplasmosis**	**12263-0**	**TOXOPLASMA SP IDENTIFIED**	**PRID**	**PT**	**CSF**	**QL**	**IF**	
1945	Toxoplasmosis	10726-8	TOXOPLASMA SP IDENTIFIED	PRID	PT	TISS	QL	GIEMSA STAIN	
1946	Toxoplasmosis	10727-6	TOXOPLASMA SP IDENTIFIED	PRID	PT	TISS	QL		
1947									
1948	Trachoma	556-1	CHLAMYDIA SP IDENTIFIED	PRID	PT	CNJT	QL	ORGANISM SPECIFIC CULTURE	Trachoma organism list
1949	Trachoma	6350-3	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	CNJT	SQ	EIA	Positive
1950	Trachoma	6351-1	CHLAMYDIA TRACHOMATIS AG	ACNC	PT	CNJT	SQ	IF	Positive
1951	**Trachoma**	**13217-5**	**CHLAMYDIA TRACHOMATIS TYPE B AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1952	**Trachoma**	**13223-3**	**CHLAMYDIA TRACHOMATIS TYPE B AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1953	**Trachoma**	**13218-3**	**CHLAMYDIA TRACHOMATIS TYPE C AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1954	**Trachoma**	**13220-9**	**CHLAMYDIA TRACHOMATIS TYPE C AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1955	**Trachoma**	**13222-5**	**CHLAMYDIA TRACHOMATIS TYPE C AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1956	**Trachoma**	**13219-1**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1957	**Trachoma**	**13221-7**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB.IGM**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1958	**Trachoma**	**13224-1**	**CHLAMYDIA TRACHOMATIS TYPE G+F+K AB.TOTAL**	**ACNC**	**PT**	**SER/PLA**	**QN**		
1959									
1960	Trichinosis	10671-6	HELMINTH IDENTIFIED	PRID	PT	XXX	QL		Trichinosis organism list
1961	Trichinosis	10672-4	HELMINTH/ARTHROPOD IDENTIFIED	PRID	PT	XXX	QL		Trichinosis organism list
1962	Trichinosis	5395-9	TRICHINELLA SPIRALIS AB	TITR	PT	SER	QN	LA	
1963	Trichinosis	8042-4	TRICHINELLA SPIRALIS AB	ACNC	PT	SER	QN		
1964	Trichinosis	6563-1	TRICHINELLA SPIRALIS AB.IGG	ACNC	PT	SER	SQ	EIA	
1965	Trichinosis	8043-2	TRICHINELLA SPIRALIS AB.IGG	ACNC	PT	SER	SQ		
1966									
1967	Trichomonas	10728-4	TRICHOMONAS SP IDENTIFIED	PRID	PT	GEN	QL	ORGANISM SPECIFIC CULTURE	Trichomonas organism list
1968	Trichomonas	6564-9	TRICHOMONAS VAGINALIS	ACNC	PT	GEN	SQ	CF	
1969	Trichomonas	6565-6	TRICHOMONAS VAGINALIS	PRID	PT	GEN	QL	WET PREPARATION	Trichomonas organism list
1970	Trichomonas	6566-4	TRICHOMONAS VAGINALIS AG	ACNC	PT	GEN	SQ	EIA	Not reportable
1971	Trichomonas	6567-2	TRICHOMONAS VAGINALIS AG	ACNC	PT	GEN	SQ	IF	Not reportable
1972	Trichomonas	6568-0	TRICHOMONAS VAGINALIS RRNA	ACNC	PT	GEN	SQ	DNA PROBE	Not reportable
1973									
1974	Tuberculosis	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Tuberculosis organism list
1975	Tuberculosis	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Tuberculosis organism list
1976	Tuberculosis	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Tuberculosis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
1977	Tuberculosis	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Tuberculosis organism list
1978	Tuberculosis	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Tuberculosis organism list
1979	Tuberculosis	6460-0	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	ROUTINE BACTERIAL CULTURE	Tuberculosis organism list
1980	Tuberculosis	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Tuberculosis organism list
1981	Tuberculosis	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Tuberculosis organism list
1982	Tuberculosis	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Tuberculosis organism list
1983	Tuberculosis	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Tuberculosis organism list
1984	Tuberculosis	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Tuberculosis organism list
1985	Tuberculosis	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Tuberculosis organism list
1986	Tuberculosis	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Tuberculosis organism list
1987	Tuberculosis	9786-5	MICROSCOPIC OBSERVATION	PRID	PT	BLD/MAR	QL	PERIODIC ACID-SCHIFF STAIN	Tuberculosis organism list
1988	Tuberculosis	6465-9	MICROSCOPIC OBSERVATION	PRID	PT	DUFL	QL	TRICHROME STAIN	Tuberculosis organism list
1989	Tuberculosis	11476-9	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN	Tuberculosis organism list
1990	Tuberculosis	640-3	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.KINYOUN	Tuberculosis organism list
1991	Tuberculosis	641-1	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.KINYOUN MODIFIED	Tuberculosis organism list
1992	Tuberculosis	642-9	MICROSCOPIC OBSERVATION	PRID	PT	GAST	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Tuberculosis organism list
1993	Tuberculosis	645-2	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	ACID FAST STAIN.KINYOUN	Tuberculosis organism list
1994	Tuberculosis	646-0	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	ACID FAST STAIN.KINYOUN MODIFIED	Tuberculosis organism list
1995	Tuberculosis	647-8	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Tuberculosis organism list
1996	Tuberculosis	11477-7	MICROSCOPIC OBSERVATION	PRID	PT	SPT	QL	ACID FAST STAIN	Tuberculosis organism list
1997	Tuberculosis	11479-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN	Tuberculosis organism list
1998	Tuberculosis	6655-5	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.KINYOUN	Tuberculosis organism list
1999	Tuberculosis	6656-3	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.KINYOUN MODIFIED	Tuberculosis organism list
2000	Tuberculosis	6657-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Tuberculosis organism list
2001	Tuberculosis	6662-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIEMSA STAIN	Tuberculosis organism list
2002	Tuberculosis	6663-9	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GIMENEZ STAIN	Tuberculosis organism list
2003	Tuberculosis	6664-7	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	GRAM STAIN	Tuberculosis organism list
2004	Tuberculosis	6665-4	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	HEMATOXYLIN AND EOSIN STAIN	Tuberculosis organism list
2005	Tuberculosis	6681-1	MICROSCOPIC OBSERVATION	PRID	PT	TISS	QL	WRIGHT STAIN	Tuberculosis organism list
2006	Tuberculosis	11480-1	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN	Tuberculosis organism list
2007	Tuberculosis	650-2	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.KINYOUN	Tuberculosis organism list
2008	Tuberculosis	651-0	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.KINYOUN MODIFIED	Tuberculosis organism list
2009	Tuberculosis	652-8	MICROSCOPIC OBSERVATION	PRID	PT	UR	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Tuberculosis organism list
2010	Tuberculosis	654-4	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	ACID FAST STAIN.KINYOUN	Tuberculosis organism list
2011	Tuberculosis	655-1	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	ACID FAST STAIN.KINYOUN MODIFIED	Tuberculosis organism list
2012	Tuberculosis	656-9	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	ACID FAST STAIN.ZIEHL-NEELSEN	Tuberculosis organism list
2013	Tuberculosis	11545-1	MICROSCOPIC OBSERVATION	PRID	PT	XXX	QL	ACID FAST STAIN	Tuberculosis organism list
2014	Tuberculosis	532-2	MYCOBACTERIUM IDENTIFIED	PRID	PT	ASP	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2015	Tuberculosis	533-0	MYCOBACTERIUM IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2016	Tuberculosis	9823-6	MYCOBACTERIUM IDENTIFIED	PRID	PT	BRO	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2017	Tuberculosis	534-8	MYCOBACTERIUM IDENTIFIED	PRID	PT	CSF	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2018	Tuberculosis	535-5	MYCOBACTERIUM IDENTIFIED	PRID	PT	FLU	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2019	Tuberculosis	9824-4	MYCOBACTERIUM IDENTIFIED	PRID	PT	GAST	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2020	Tuberculosis	9825-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	ISLT	QL		Tuberculosis organism list
2021	Tuberculosis	536-3	MYCOBACTERIUM IDENTIFIED	PRID	PT	MAR	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
2022	Tuberculosis	537-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	PRT	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2023	Tuberculosis	538-9	MYCOBACTERIUM IDENTIFIED	PRID	PT	SNV	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2024	Tuberculosis	539-7	MYCOBACTERIUM IDENTIFIED	PRID	PT	SPT	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2025	Tuberculosis	540-5	MYCOBACTERIUM IDENTIFIED	PRID	PT	TISS	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2026	Tuberculosis	541-3	MYCOBACTERIUM IDENTIFIED	PRID	PT	UR	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2027	Tuberculosis	542-1	MYCOBACTERIUM IDENTIFIED	PRID	PT	WND	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2028	Tuberculosis	543-9	MYCOBACTERIUM IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Tuberculosis organism list
2029	Tuberculosis	5027-8	MYCOBACTERIUM TUBERCULOSIS RRNA	ACNC	PT	XXX	SQ	DNA PROBE	Positive
2030									
2031	Tularemia	5166-4	FRANCISELLA TULARENSIS AB	ACNC	PT	SER	SQ	LA	
2032	Tularemia	5167-2	FRANCISELLA TULARENSIS AB	TITR	PT	SER	QN	LA	
2033	Tularemia	7888-1	FRANCISELLA TULARENSIS AB	ACNC	PT	SER	SQ		
2034	Tularemia	7889-9	FRANCISELLA TULARENSIS AB.IGG	ACNC	PT	SER	SQ		
2035	Tularemia	6407-1	FRANCISELLA TULARENSIS AB.IGM	ACNC	PT	SER	SQ	LA	
2036	Tularemia	7890-7	FRANCISELLA TULARENSIS AB.IGM	ACNC	PT	SER	SQ		Positive
2037	Tularemia	6408-9	FRANCISELLA TULARENSIS AG	ACNC	PT	XXX	SQ	IF	Positive
2038	Tularemia	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Tularemia organism list
2039	Tularemia	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Tularemia organism list
2040	Tularemia	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Tularemia organism list
2041	Tularemia	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Tularemia organism list
2042	Tularemia	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Tularemia organism list
2043	Tularemia	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Tularemia organism list
2044	Tularemia	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Tularemia organism list
2045	Tularemia	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Tularemia organism list
2046									
2047	Typhoid fever	597-5	MICROORGANISM IDENTIFIED	PRID	PT	ASP	QL	AEROBIC CULTURE	Typhoid fever organism list
2048	Typhoid fever	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Typhoid fever organism list
2049	Typhoid fever	604-9	MICROORGANISM IDENTIFIED	PRID	PT	BRO	QL	AEROBIC CULTURE	Typhoid fever organism list
2050	Typhoid fever	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Typhoid fever organism list
2051	Typhoid fever	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Typhoid fever organism list
2052	Typhoid fever	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Typhoid fever organism list
2053	Typhoid fever	6459-2	MICROORGANISM IDENTIFIED	PRID	PT	FOOD	QL	FOOD CULTURE	Typhoid fever organism list
2054	Typhoid fever	621-3	MICROORGANISM IDENTIFIED	PRID	PT	SNV	QL	STERILE BODY FLUID CULTURE	Typhoid fever organism list
2055	Typhoid fever	622-1	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	AEROBIC CULTURE	Typhoid fever organism list
2056	Typhoid fever	623-9	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	CYSTIC FIBROSIS RESPIRATORY CULTURE	Typhoid fever organism list
2057	Typhoid fever	624-7	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	RESPIRATORY CULTURE	Typhoid fever organism list
2058	Typhoid fever	6460-0	MICROORGANISM IDENTIFIED	PRID	PT	SPT	QL	ROUTINE BACTERIAL CULTURE	Typhoid fever organism list
2059	Typhoid fever	625-4	MICROORGANISM IDENTIFIED	PRID	PT	STL	QL	STOOL CULTURE	Typhoid fever organism list
2060	Typhoid fever	626-2	MICROORGANISM IDENTIFIED	PRID	PT	THRT	QL	THROAT CULTURE	Typhoid fever organism list
2061	Typhoid fever	627-0	MICROORGANISM IDENTIFIED	PRID	PT	TISS	QL	AEROBIC CULTURE	Typhoid fever organism list
2062	Typhoid fever	630-4	MICROORGANISM IDENTIFIED	PRID	PT	UR	QL	URINE CULTURE	Typhoid fever organism list
2063	Typhoid fever	10354-9	MICROORGANISM IDENTIFIED	PRID	PT	URT	QL	URINE CULTURE	Typhoid fever organism list
2064	Typhoid fever	632-0	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	AEROBIC CULTURE	Typhoid fever organism list
2065	Typhoid fever	6462-6	MICROORGANISM IDENTIFIED	PRID	PT	WND	QL	ROUTINE BACTERIAL CULTURE	Typhoid fever organism list
2066	Typhoid fever	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Typhoid fever organism list

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
2067	Typhoid fever	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Typhoid fever organism list
2068	Typhoid fever	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Typhoid fever organism list
2069	Typhoid fever	5345-4	SALMONELLA TYPHI H AB	ACNC	PT	SER	SQ	LA	Not reportable
2070	**Typhoid fever**	**13284-5**	**SALMONELLA TYPHI H AB GROUP D**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
2071	Typhoid fever	5346-2	SALMONELLA TYPHI O AB	ACNC	PT	SER	SQ	LA	Not reportable
2072	**Typhoid fever**	**13285-2**	**SALMONELLA TYPHI O AB GROUP D**	**ACNC**	**PT**	**SER/PLA**	**SQ**		
2073									
2074	Vibrio cholerae, non-O1	6578-9	VIBRIO SP IDENTIFIED	PRID	PT	BLD	QL	ORGANISM SPECIFIC CULTURE	Non-O1 vibrio cholerae organism list
2075	Vibrio cholerae, non-O1	6579-7	VIBRIO SP IDENTIFIED	PRID	PT	STL	QL	ORGANISM SPECIFIC CULTURE	Non-O1 vibrio cholerae organism list
2076	Vibrio cholerae, non-O1	6580-5	VIBRIO SP IDENTIFIED	PRID	PT	WAT	QL	ORGANISM SPECIFIC CULTURE	Non-O1 vibrio cholerae organism list
2077	Vibrio cholerae, non-O1	6581-3	VIBRIO SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Non-O1 vibrio cholerae organism list
2078									
2079	Yellow fever	5883-4	VIRUS IDENTIFIED	PRID	PT	BLD	QL	VIRUS CULTURE	Yellow fever organism list
2080	Yellow fever	6587-0	YELLOW FEVER VIRUS AB	TITR	PT	SER	QN	CF	
2081	Yellow fever	6588-8	YELLOW FEVER VIRUS AB	ACNC	PT	SER	QN	HAI	
2082	Yellow fever	6589-6	YELLOW FEVER VIRUS AB	TITR	PT	SER	QN	IF	
2083	Yellow fever	6590-4	YELLOW FEVER VIRUS AB	TITR	PT	SER	QN	LA	
2084	Yellow fever	6591-2	YELLOW FEVER VIRUS AB	ACNC	PT	SER	QN	NEUT	
2085	Yellow fever	8054-9	YELLOW FEVER VIRUS AB	ACNC	PT	SER	QN		
2086	Yellow fever	6592-0	YELLOW FEVER VIRUS AB.IGG	ACNC	PT	SER	QN	EIA	
2087	Yellow fever	8055-6	YELLOW FEVER VIRUS AB.IGG	ACNC	PT	SER	QN		
2088	Yellow fever	6593-8	YELLOW FEVER VIRUS AB.IGM	ACNC	PT	SER	QN	EIA	Positive
2089	Yellow fever	8056-4	YELLOW FEVER VIRUS AB.IGM	ACNC	PT	SER	QN		Positive
2090	Yellow fever	8057-2	YELLOW FEVER VIRUS RNA	ACNC	PT	SER	SQ	PCR/PROBE	Positive
2091									
2092	Yersiniosis, non-plague	600-7	MICROORGANISM IDENTIFIED	PRID	PT	BLD	QL	BLOOD CULTURE	Non-plague yersiniosis organism list
2093	Yersiniosis, non-plague	605-6	MICROORGANISM IDENTIFIED	PRID	PT	CNL	QL	AEROBIC CULTURE	Non-plague yersiniosis organism list
2094	Yersiniosis, non-plague	610-6	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	AEROBIC CULTURE	Non-plague yersiniosis organism list
2095	Yersiniosis, non-plague	611-4	MICROORGANISM IDENTIFIED	PRID	PT	FLU	QL	STERILE BODY FLUID CULTURE	Non-plague yersiniosis organism list
2096	Yersiniosis, non-plague	634-6	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	AEROBIC CULTURE	Non-plague yersiniosis organism list
2097	Yersiniosis, non-plague	636-1	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	STERILE BODY FLUID CULTURE	Non-plague yersiniosis organism list
2098	Yersiniosis, non-plague	6463-4	MICROORGANISM IDENTIFIED	PRID	PT	XXX	QL	ROUTINE BACTERIAL CULTURE	Non-plague yersiniosis organism list
2099	Yersiniosis, non-plague	5407-2	YERSINIA ENTEROCOLITICA 03 AB	ACNC	PT	SER	QN		Not reportable
2100	Yersiniosis, non-plague	6959-1	YERSINIA ENTEROCOLITICA 03 AB	TITR	PT	SER	QN		Not reportable
2101	Yersiniosis, non-plague	6960-9	YERSINIA ENTEROCOLITICA 05 AB	TITR	PT	SER	QN		Not reportable
2102	Yersiniosis, non-plague	5408-0	YERSINIA ENTEROCOLITICA 08 AB	ACNC	PT	SER	QN		Not reportable
2103	Yersiniosis, non-plague	6961-7	YERSINIA ENTEROCOLITICA 08 AB	TITR	PT	SER	QN		Not reportable
2104	Yersiniosis, non-plague	5409-8	YERSINIA ENTEROCOLITICA 09 AB	ACNC	PT	SER	QN		Not reportable
2105	Yersiniosis, non-plague	6962-5	YERSINIA ENTEROCOLITICA 09 AB	TITR	PT	SER	QN		Not reportable
2106	Yersiniosis, non-plague	6963-3	YERSINIA ENTEROCOLITICA AB	TITR	PT	SER	QN		Not reportable
2107	Yersiniosis, non-plague	6964-1	YERSINIA ENTEROCOLITICA AB.IGA	ACNC	PT	SER	QN	EIA	Not reportable
2108	Yersiniosis, non-plague	6965-8	YERSINIA ENTEROCOLITICA AB.IGG	ACNC	PT	SER	QN	EIA	Not reportable
2109	Yersiniosis, non-plague	6966-6	YERSINIA ENTEROCOLITICA AB.IGM	ACNC	PT	SER	QN	EIA	Positive
2110	Yersiniosis, non-plague	5410-6	YERSINIA PSEUDOTUBERCULOSIS AB	ACNC	PT	SER	QN		Not reportable
2111	Yersiniosis, non-plague	6967-4	YERSINIA PSEUDOTUBERCULOSIS AB	TITR	PT	SER	QN		Not reportable

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
2112	Yersiniosis, non-plague	5411-4	YERSINIA SP AB	ACNC	PT	SER	QN		Not reportable
2113	Yersiniosis, non-plague	701-3	YERSINIA SP IDENTIFIED	PRID	PT	XXX	QL	ORGANISM SPECIFIC CULTURE	Non-plague yersiniosis organism list
2114									
2115									
2116	Acute Pesticide Poisoning	9681-8	1-NAPTHOL	MCNC	PT	SER	QN		
2117	Acute Pesticide Poisoning	5638-2	DIAZINON	MCNC	PT	BLD	QN		
2118	Acute Pesticide Poisoning	5680-4	MALATHION	MCNC	PT	SER	QN		
2119	Acute Pesticide Poisoning	9694-1	PROPOXUR	MCNC	PT	SER	QN		
2120									
2121	Lead Exposure	5933-7	LEAD	MCNC	PT	DIAF	QN		
2122	Lead Exposure	5675-4	LEAD	ACNC	PT	UR	SQ		
2123	Lead Exposure	5671-3	LEAD	MCNC	PT	BLD	QN		
2124	Lead Exposure	5672-1	LEAD	MCNC	PT	BLD	SQ		
2125	Lead Exposure		LEAD	MCNC	PT	BLD	SQN	Fingerstick	
2126	Lead Exposure	5674-7	LEAD	MCNC	PT	RBC	QN		
2127	Lead Exposure	5676-2	LEAD	MCNC	PT	UR	QN		
2128	Lead Exposure	9436-7	LEAD	MCNC	PT	FLU	QN		
2129	Lead Exposure	9477-1	LEAD	MCNC	PT	WAT	QN		Not reportable
2130	Lead Exposure	5673-9	LEAD	MFR	PT	HAR	QN		
2131	Lead Exposure	8202-4	LEAD	MFR	PT	NAIL	QN		
2132	Lead Exposure	5677-0	LEAD	MRAT	24H	UR	QN		
2133									
2134	Carboxyhemoglobin levels	2030-5	CARBON MONOXIDE.HEMOGLOBIN	NFR	PT	BLDA	QN		
2135	Carboxyhemoglobin levels	2031-3	CARBON MONOXIDE.HEMOGLOBIN	NFR	PT	BLDC	QN		
2136	Carboxyhemoglobin levels	2032-1	CARBON MONOXIDE.HEMOGLOBIN	NFR	PT	BLDV	QN		
2137	Carboxyhemoglobin levels	2029-7	CARBON MONOXIDE.HEMOGLOBIN	SFR	PT	RBC	SQ		
2138									
2139	Sickle cell disease	4561-7	HEMOGLOBIN C	SFR	PT	BLD	QN	ELECTROPHORESIS PH 6.3	
2140	Sickle cell disease	4562-5	HEMOGLOBIN C	SFR	PT	BLD	QN	ELECTROPHORESIS PH 8.9	
2141	Sickle cell disease	4563-3	HEMOGLOBIN C	SFR	PT	BLD	QN		
2142	Sickle cell disease	4621-9	HEMOGLOBIN S	ACNC	PT	BLD	SQ		
2143	Sickle cell disease	4622-7	HEMOGLOBIN S	ACNC	PT	BLD	SQ	ELECTROPHORESIS PH 6.3	
2144	Sickle cell disease	4623-5	HEMOGLOBIN S	ACNC	PT	BLD	SQ	ELECTROPHORESIS PH 8.9	
2145	Sickle cell disease	4624-3	HEMOGLOBIN S	MCNC	PT	BLD	SQ		
2146	Sickle cell disease	4620-1	HEMOGLOBIN S	SFR	PT	BLD	QN		
2147	Sickle cell disease	4625-0	HEMOGLOBIN S	SFR	PT	BLD	QN		
2148	Sickle cell disease	801-1	SICKLE CELLS	ACNC	PT	BLD	SQ	MICROSCOPY.LIGHT	
2149	Sickle cell disease	6864-3	SICKLE CELLS	ACNC	PT	BLD	SQ	SOLUBILITY TEST	
2150									
2151	Invasive Cervical Cancer								
2152	Kaposi's sarcoma								
2153	Lymphoma, Burkitt's								
2154	Lymphoma, immunoblastic								
2155	Lymphoma, Primary								

	A	B	C	D	E	F	G	H	I
1	**Condition Name**		**Fully specified LOINC entry**						**Reportable Result**
2156	Progressive Multifocal Leukoencephalopathy								
2157	Primary Lymphoid Hyperplasia and/or Lymphoid Interstitial								

Appendix C
Table V: SNOMED Reference List

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
2	Amebiasis	Amebiasis organism list	Entamoeba histolytica	L-51511		MSH95D004748	
3	Amebiasis	Amebiasis organism list	Entamoeba histolytica trophozoites				
4							
5	Anthrax	Anthrax organism list	Bacillus anthracis	L-12202		ATCC14578	
6							
7	Arbovirus	Arbovirus organism list	California encephalitis virus	L-33841			
8	Arbovirus	Arbovirus organism list	Eastern equine encephalitis virus	L-32207			
9	Arbovirus	Arbovirus organism list	Inkoo virus	L-33842			
10	Arbovirus	Arbovirus organism list	Jamestown Canyon encephalitis virus	L-33843			
11	Arbovirus	Arbovirus organism list	Japanese encephalitis virus	L-32329			
12	Arbovirus	Arbovirus organism list	LaCrosse encephalitis virus	L-33846			
13	Arbovirus	Arbovirus organism list	Saint Louis encephalitis virus	L-32352			
14	Arbovirus	Arbovirus organism list	Snowshoe hare encephalitis virus				
15	Arbovirus	Arbovirus organism list	Tahyna virus	L-33851			
16	Arbovirus	Arbovirus organism list	Western equine encephalitis virus	L-32224			
17							
18	Babesiosis	Babesiosis organism list	Babesia microti	L-52B02		MI0151	
19							
20	Bartonellosis	Bartonellosis organism list	Bartonella bacilliformis	L-2A401		ATCC35685	
21	Bartonellosis	Bartonellosis organism list	Bartonella henselae				
22	Bartonellosis	Bartonellosis organism list	Bartonella quintana				
23							
24	Blastomycosis	Blastomycosis organism list	Blastomyces dermatitidis	L-44171		MI0236	
25							
26	Botulism	Botulism organism list	Clostridium botulinum	L-14118		ATCC25763	
27							
28	Brucellosis	Brucellosis organism list	Brucella abortus	L-13202		ATCC23448	
29	Brucellosis	Brucellosis organism list	Brucella canis	L-13206		ATCC23365	
30	Brucellosis	Brucellosis organism list	Brucella melitensis	L-13201		ATCC23456	
31	Brucellosis	Brucellosis organism list	Brucella suis	L-13203		ATCC23444	
32							
33	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter coli	L-13501		ATCC33559	
34	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter concisus	L-13509		ATCC33237	
35	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter fetus	L-13502		MI0302	
36	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter fetus ss. fetus	L-13503		ATCC27324	
37	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter jejuni	L-13505		MI0304	
38	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter jejuni ss. jejuni	L-13505		ATCC33560	
39	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter laridis	L-13511		MI0305	
40	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter sp.	L-13500	Campylobacter, NOS	MSH94D002167	Campylobacter species
41	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter sputorum	L-13506		MI0308	
42	Campylobacteriosis	Campylobacteriosis organism list	Campylobacter upsaliensis			ATCC43954	
43							
44	Chanchroid	Chanchroid organism list	Haemophilus ducreyi	L-1F710		ATCC33940	
45							
46	Chickenpox	Chickenpox organism list	Varicella-zoster virus	L-36401			
47							
48	Chlamydial infection	Chlamydia organism list	Chlamydia pneumoniae			ATCCVR 2282	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
49	Chlamydial infection	Chlamydia organism list	Chlamydia psittaci	L-2A902		ATCCVR 125	
50	Chlamydial infection	Chlamydia organism list	Chlamydia psittaci var. bovis	L-2A904		ATCCVR 125	
51	Chlamydial infection	Chlamydia organism list	Chlamydia psittaci var. felis	L-2A905		ATCCVR 125	
52	Chlamydial infection	Chlamydia organism list	Chlamydia psittaci var. ovis	L-2A906		ATCCVR 125	
53	Chlamydial infection	Chlamydia organism list	Chlamydia trachomatis	L-2A901		ATCCVR 571	
54	Chlamydial infection	Chlamydia organism list	Chlamydia sp.	L-2A900	Chlamydia, NOS	MSH94D002689	Chlamydia species
55	Chlamydial infection	Chlamydia organism list	Intracellular elementary bodies				
56							
57	Cholera	Cholerae organism list	Vibrio cholerae, classical	L-26204			
58	Cholera	Cholerae organism list	Vibrio cholerae, El tor	L-26205			
59							
60	Coccidiodomycosis	Coccidiodomycosis organism list	Coccidioides immitis	L-44181		MI0406	
61	Coccidiodomycosis	Coccidiodomycosis organism list	Coccidioides sp.	L-44180	Coccidioides, NOS	MSH95D003045	Coccidioides
62	Colorado tick fever	Colorado tick fever organism list	Colorado tick fever virus subgroup sp.	L-31850	Colorado tick fever virus subgroup, NOS		
63	Colorado tick fever	Colorado tick fever organism list	Colorado tick fever virus	L-31851			
64							
65	Cryptococcosis	Cryptococcus organism list	Cryptococcus neoformans	L-43165		MSH95D003455	
66							
67	Cryptosproridiosis	Cryptosporidium organism list	Cryptosporidium parvum	L-52408		MI0453	
68	Cryptosproridiosis	Cryptosporidium organism list	Cryptosporidium sp.	L-52400	Cryptosporidium, NOS	MI0452	Cryptosporidium
69							
70	Cyclospora	Cyclospora organism list	Cyclospora cayetanensis				
71							
72	Cysticercosis	Cysticercosis organism list	Taenia solium	L-5B101		MI1467	
73							
74	Cytomegalovirus	Cytomegalovirus organism list	Cytomegalovirus sp.	L-36500	Cytomegalovirus, NOS	MI0472	Cytomegalovirus
75							
76	Dengue fever	Dengue fever organism list	Dengue virus sp.	L-32320	Dengue virus, NOS		
77	Dengue fever	Dengue fever organism list	Dengue virus, type 1	L-32321			
78	Dengue fever	Dengue fever organism list	Dengue virus, type 2	L-32322			
79	Dengue fever	Dengue fever organism list	Dengue virus, type 3	L-32323			
80	Dengue fever	Dengue fever organism list	Dengue virus, type 4	L-32324			
81							
82	Diphtheria	Diphtheria organism list	Corynebacterium diphtheriae	L-14401		ATCC27010	
83							
84	Ebola	Ebola virus organism list	Ebola virus	L-38712			
85							
86	Echinococciasis	Echinococciasis organism list	Echinococcus sp.	L-5B140	Echinococcus, NOS	MSH95D004446	
87	Echinococciasis	Echinococciasis organism list	Echinococcus granulosus	L-5B141		MI0510	
88	Echinococciasis	Echinococciasis organism list	Echinococcus multilocularis	L-5B142		MI0511	
89	Echinococciasis	Echinococciasis organism list	Echinococcus vogeli	L-5B143		MI0512	
90							
91	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia sp.	L-2A600	Ehrlichia, NOS	MI0518	
92	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia canis	L-2A601		MI0519	
93	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia chaffeensis	L-2A611		ATCC CRL10679	
94	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia equi	L-2A603		MI0520	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
95	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia phagocytophila	L-2A602		MI0521	
96	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia risticii	L-2A605		MI0522	
97	Ehrlichiosis	Ehrlichiosis organism list	Ehrlichia sennetsu	L-2A604		ATCC VR 367	
98							
99	Endemic typhus	Endemic typhus organism list	Rickettsia typhi	L-2A002		MI1268	
100							
101	Enterococcus	Enterococcus organism list	Enterococcus sp.	L-1E600	Enterococcus, NOS		
102	Enterococcus	Enterococcus organism list	Enterococcus avium	L-1E603		ATCC14025	
103	Enterococcus	Enterococcus organism list	Enterococcus casseliflavus	L-1E604		ATCC25788	
104	Enterococcus	Enterococcus organism list	Enterococcus cecorum			ATCC43198	
105	Enterococcus	Enterococcus organism list	Enterococcus durans	L-1E605		ATCC19432	
106	Enterococcus	Enterococcus organism list	Enterococcus faecalis	L-1E601		ATCC19433	
107	Enterococcus	Enterococcus organism list	Enterococcus faecium	L-1E602		ATCC19434	
108	Enterococcus	Enterococcus organism list	Enterococcus gallinarum	L-1E606		ATCC35038	
109	Enterococcus	Enterococcus organism list	Enterococcus hirae	L-1E608		ATCC08043	
110	Enterococcus	Enterococcus organism list	Enterococcus malodoratus	L-1E607		MI0561	
111	Enterococcus	Enterococcus organism list	Enterococcus mundtii	L-1E609		MI0562	
112	Enterococcus	Enterococcus organism list	Enterococcus pseudoavium			MI0563	
113	Enterococcus	Enterococcus organism list	Enterococcus raffinosus			MI0564	
114	Enterococcus	Enterococcus organism list	Enterococcus saccharolyticus			ATCC43076	
115	Enterococcus	Enterococcus organism list	Enterococcus seriolicida			ATCC49156	
116	Enterococcus	Enterococcus organism list	Enterococcus solitarius			MI0565	
117							
118	Epidemic typhus	Epidemic typhus organism list	Rickettsia prowazekii	L-2A001		MI1262	
119							
120	Escherichia coli O157:H7 infection	Esherichia coli O157:H7 organism list	Escherichia coli O157:H7	L-15602	Escherichia coli, enteropathogenic strain		
121							
122	Fifth's disease	Fifth's disease organism list	Parvovirus B19				
123							
124	Filariasis	Filariasis organism list	Brugia malayi	L-56D11		MSH95D017178	
125	Filariasis	Filariasis organism list	Brugia timori	L-56D13		MI0285	
126							
127	Genital warts	Genital warts organism list	Human papillomavirus group, NOS	L-35610	Human papillomavirus group, NOS		
128	Genital warts	Genital warts organism list	Human papillomavirus type 1	L-35621			
129	Genital warts	Genital warts organism list	Human papillomavirus type 2	L-35622			
130	Genital warts	Genital warts organism list	Human papillomavirus type 3	L-35623			
131	Genital warts	Genital warts organism list	Human papillomavirus type 4	L-35624			
132	Genital warts	Genital warts organism list	Human papillomavirus type 5	L-35625			
133	Genital warts	Genital warts organism list	Human papillomavirus type 6	L-35626			
134	Genital warts	Genital warts organism list	Human papillomavirus type 7	L-35627			
135	Genital warts	Genital warts organism list	Human papillomavirus type 8	L-35628			
136	Genital warts	Genital warts organism list	Human papillomavirus type 9	L-35629			
137	Genital warts	Genital warts organism list	Human papillomavirus sp.	L-35620	Human papillomavirus, NOS		
138							
139	Giardiasis	Giardiasis organism list	Giardia lamblia	L-50701		MSH95D016829	
140							
141	Gonorrhea	Gonorrhoeae organism list	Gram-negative diplococcus	L-10028			

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
142	Gonorrhea	Gonorrhoeae organism list	Neisseria gonorrhoeae	L-22201		ATCC19424	
143							
144	Granuloma inguinale	Granuloma inguinale organism list	Calymmatobacterium granulomatis	L-13401		MI0295	
145	Granuloma inguinale	Granuloma inguinale organism list	Donovan bodies				
146							
147	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae sp.	L-1F701	Haemophilus influenzae	ATCC33391	
148	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type A				
149	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type B				
150	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type C				
151	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type D				
152	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type E				
153	Haemophilis influenzae	Haemophilus influenzae organism list	Haemophilus influenzae, type F				
154							
155	Hantavirus	Hantavirus organism list	Hanta virus	L-34401	Hantaan virus	MI0699	
156	Hantavirus	Hantavirus organism list	Hanta virus	L-34400	Hantanvirus group, NOS		
157							
158	Hepatitis A	Hepatitis A organism list	Hepatitis A virus	L-30605			
159	Hepatitis B	Hepatitis B organism list	Hepatitis B virus	L-38601			
160	Hepatitis C	Hepatitis C organism list	Hepatitis C virus	L-38806			
161	Hepatitis D	Hepatitis D organism list	Hepatitis D virus	L-38815			
162							
163	Herpes simplex	Herpes simplex organism list	Herpes simplex sp.	L-36210	Human herpes simplex virus, NOS		
164	Herpes simplex	Herpes simplex organism list	Herpes simplex type 1	L-36211	Human herpes simplex virus type 1		
165	Herpes simplex	Herpes simplex organism list	Herpes simplex type 2	L-36212	Human herpes simplex virus type 2		
166	Histoplasmosis	HIstoplasmosis organism list	Histoplasma sp.	L-44220	Histoplasma, NOS - (L-41300)	MSH95D006658	Histoplasma
167	Histoplasmosis	HIstoplasmosis organism list	Histoplasma capsulatum	L-44221		MI0715	
168							
169	Human immunodeficiency virus	Human immunodeficiency virus organism list	Human immunodeficiency virus sp.	L-35210	Human immunodeficiency virus, NOS		
170	Human immunodeficiency virus	Human immunodeficiency virus organism list	Human immunodeficiency virus type 1	L-35211			
171	Human immunodeficiency virus	Human immunodeficiency virus organism list	Human immunodeficiency virus type 2	L-35212			
172							
173	Human T-lymphotrophic virus	Human T-lymphotrophic virus organism list	Human T-lymphotropic virus, type I	L-34803			
174	Human T-lymphotrophic virus	Human T-lymphotrophic virus organism list	Human T-lymphotropic virus, type II	L-34804			
175	Human T-lymphotrophic virus	Human T-lymphotrophic virus organism list	Human T-lymphotropic virus, type V	L-34805			
176							
177	Influenza	Influenza virus organism list	Influenzavirus sp.	L-32800	Influenzavirus, NOS	CC9811	Influenza virus
178	Influenza	Influenza virus organism list	Influenzavirus A	L-32801			
179	Influenza	Influenza virus organism list	Influenzavirus B	L-32802			
180	Influenza	Influenza virus organism list	Influenzavirus C	L-32803			
181							
182	Isosporiasis	Isosproriasis organism list	Isospora	L-52500	Isospora, NOS	MSH95D007549	
183	Isosporiasis	Isosproriasis organism list	Isospora belli	L-52501		MI0728	
184							
185	Lassa fever	Lassa fever virus organism list	Lassa virus	L-35302			
186							
187	Legionellosis	Legionellosis organism list	Legionella sp.	L-20400	Legionella, NOS	MSH94D007875	Legionella species
188	Legionellosis	Legionellosis organism list	Legionella adelaidensis			ATCC49625	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
189	Legionellosis	Legionellosis organism list	Legionella anisa	L-20422		MI0767	
190	Legionellosis	Legionellosis organism list	Legionella birminghamensis	L-20424		MI0768	
191	Legionellosis	Legionellosis organism list	Legionella bozemanii	L-20403		MI0769	
192	Legionellosis	Legionellosis organism list	Legionella brunensis			ATCC43878	
193	Legionellosis	Legionellosis organism list	Legionella cherrii	L-20419		ATCC35252	
194	Legionellosis	Legionellosis organism list	Legionella cincinnatiensis	L-20425		ATCC43753	
195	Legionellosis	Legionellosis organism list	Legionella dumoffii	L-20404		MI0773	
196	Legionellosis	Legionellosis organism list	Legionella erythra	L-20415		ATCC35303	
197	Legionellosis	Legionellosis organism list	Legionella fairfieldensis			ATCC49588	
198	Legionellosis	Legionellosis organism list	Legionella feeleii	L-20410		ATCC35072	
199	Legionellosis	Legionellosis organism list	Legionella geestiana			ATCC49504	
200	Legionellosis	Legionellosis organism list	Legionella gormanii	L-20405		MI0776	
201	Legionellosis	Legionellosis organism list	Legionella gratiana			ATCC49413	
202	Legionellosis	Legionellosis organism list	Legionella hackeliae	L-20416		ATCC35250	
203	Legionellosis	Legionellosis organism list	Legionella israelensis	L-20423		MI0778	
204	Legionellosis	Legionellosis organism list	Legionella jamestowniensis	L-20413		ATCC35298	
205	Legionellosis	Legionellosis organism list	Legionella jordanis	L-20407		MI0780	
206	Legionellosis	Legionellosis organism list	Legionella lansingensis			ATCC49751	
207	Legionellosis	Legionellosis organism list	Legionella londiniensis			ATCC49505	
208	Legionellosis	Legionellosis organism list	Legionella longbeachae	L-20406		MI0781	
209	Legionellosis	Legionellosis organism list	Legionella maceachernii	L-20412		MI0782	
210	Legionellosis	Legionellosis organism list	Legionella micdadei	L-20402		MI0783	
211	Legionellosis	Legionellosis organism list	Legionella moravica			ATCC43877	
212	Legionellosis	Legionellosis organism list	Legionella nautarum			ATCC49506	
213	Legionellosis	Legionellosis organism list	Legionella oakridgensis	L-20408		MI0785	
214	Legionellosis	Legionellosis organism list	Legionella parisiensis	L-20418		ATCC35299	
215	Legionellosis	Legionellosis organism list	Legionella pneumophila ss. fraseri			ATCC33156	
216	Legionellosis	Legionellosis organism list	Legionella pneumophila ss. pascullei			ATCC33737	
217	Legionellosis	Legionellosis organism list	Legionella pneumophila ss. pneumophila			ATCC33152	
218	Legionellosis	Legionellosis organism list	Legionella quinlivanii			ATCC43830	
219	Legionellosis	Legionellosis organism list	Legionella rubrilucens	L-20414		ATCC35304	
220	Legionellosis	Legionellosis organism list	Legionella sainthelensi	L-20411		MI0790	
221	Legionellosis	Legionellosis organism list	Legionella santicrucis	L-20421		ATCC35301	
222	Legionellosis	Legionellosis organism list	Legionella shakespearei			ATCC49655	
223	Legionellosis	Legionellosis organism list	Legionella species	L-20400	Legionella, NOS	MSH94D007875	
224	Legionellosis	Legionellosis organism list	Legionella spiritensis	L-20417		ATCC35249	
225	Legionellosis	Legionellosis organism list	Legionella steigerwaltii	L-20420		ATCC35302	
226	Legionellosis	Legionellosis organism list	Legionella tucsonensis			ATCC49180	
227	Legionellosis	Legionellosis organism list	Legionella wadsworthii	L-20409		MI0795	
228	Legionellosis	Legionellosis organism list	Legionella worsleiensis			ATCC49507	
229	Legionellosis	Legionellosis organism list	Legionellaceae			MI0796	
230							
231	Leprosy	Leprosy organism list	Mycobacterium leprae	L-21827		MI0938	
232							
233	Leptospirosis	Leptospirosis organism list	Leptospira interrogans biflexa			MI0815	
234	Leptospirosis	Leptospirosis organism list	Leptospira interrogans interrogans			ATCC23581	Leptospira interrogans
235	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. australis	L-20504	Leptospira interrogans, serogroup australis		

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
236	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. autumnalis	L-20505	Leptospira interrogans, serogroup autumnalis		
237	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. ballum	L-20506	Leptospira interrogans, serogroup balhum		
238	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. bataviae	L-20507	Leptospira interrogans, serogroup bataviae		
239	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. bufonis				
240	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. canicola	L-20508	Leptospira interrogans, serogroup canicola		
241	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. celledoni	L-20509	Leptospira interrogans, serogroup celledoni		
242	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. cynopteri	L-20510	Leptospira interrogans, serogroup cynopteri		
243	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. grippotyphosa	L-20512	Leptospira interrogans, serogroup grippotyphosa		
244	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. hebdomadis	L-20513	Leptospira interrogans, serogroup hebdomadis		
245	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. icterohemorrhagiae	L-20503	Leptospira interrogans, serogroup icterohaemorrhagiae		
246	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. javanica	L-20514	Leptospira interrogans, serogroup javanica		
247	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. panama	L-20517	Leptospira interrogans, serogroup panama		
248	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. pomona	L-20518	Leptospira interrogans, serogroup pomona		
249	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. pyogenes	L-20519	Leptospira interrogans, serogroup pyrogenes		
250	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. ranarum				
251	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. shermani	L-20521	Leptospira interrogans, serogroup shermani		
252	Leptospirosis	Leptospirosis organism list	Leptospira interrogans var. tarassovi	L-20522	Leptospira interrogans, serogroup tarassovi		
253							
254	Listeriosis	Listeriosis organism list	Listeria monocytogenes	L-20901		ATCC15313	
255							
256	Lyme disease	Lyme disease organism list	Borrelia burgdorferi	L-12921		ATCC35210	
257							
258	Lymphogranuloma venereum	Lymphogranuloma venereum organism list	Chlamydia trachomatis	L-2A901		ATCCVR 571	
259							
260	Malaria	Malaria organism list	Plasmodium falciparum	L-52901		MSH95D010963	
261	Malaria	Malaria organism list	Plasmodium malariae	L-52902		MSH95D010965	
262	Malaria	Malaria organism list	Plasmodium ovale	L-52903		MI1132	
263	Malaria	Malaria organism list	Plasmodium vivax	L-52904		MSH95D010966	
264	Malaria	Malaria organism list	Plasmodium sp.	L-52900	Plasmodium, NOS		
265							
266	Marburg	Marburg virus organism list	Marburg virus	L-38711			
267							
268	Measles	Measles virus organism list	Measles virus	L-33001			
269							
270	Meningitis, bacterial	Meningitis, bacterial organism list	Acinetobacter calcoaceticus	L-10501		ATCC23055	
271	Meningitis, bacterial	Meningitis, bacterial organism list	Actinomyces sp.	L-10800	Actinomyces, NOS	MSH94D000190	Actinomyces species
272	Meningitis, bacterial	Meningitis, bacterial organism list	Actinomyces bovis	L-10801		ATCC13683	
273	Meningitis, bacterial	Meningitis, bacterial organism list	Bacterium sp.	L-10000	Bacterium, NOS	MSH95D00609?	Bacterium
274	Meningitis, bacterial	Meningitis, bacterial organism list	Bacteriodes sp.	L-12400	Bacteroides, NOS	MSH94D001439	Bacteroides species
275	Meningitis, bacterial	Meningitis, bacterial organism list	Clostridium perfringens	L-14210		ATCC13124	
276	Meningitis, bacterial	Meningitis, bacterial organism list	Enterobacter aerogenes	L-15802		ATCC13048	
277	Meningitis, bacterial	Meningitis, bacterial organism list	Enterobacter cloacae	L-15801		ATCC13047	
278	Meningitis, bacterial	Meningitis, bacterial organism list	Escherichia coli	L-15601		ATCC11775	
279	Meningitis, bacterial	Meningitis, bacterial organism list	Haemophilus influenzae	L-1F701		ATCC33391	
280	Meningitis, bacterial	Meningitis, bacterial organism list	Klebsiella oxytoca	L-16002		ATCC13182	
281	Meningitis, bacterial	Meningitis, bacterial organism list	Klebsiella pneumoniae	L-16001			

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
282	Meningitis, bacterial	Meningitis, bacterial organism list	Klebsiella pneumoniae ss ozaenae	L-16001	Klebsiella pneumoniae	ATCC11296	
283	Meningitis, bacterial	Meningitis, bacterial organism list	Klebsiella pneumoniae ss pneumoniae	L-16001	Klebsiella pneumoniae	ATCC13883	
284	Meningitis, bacterial	Meningitis, bacterial organism list	Klebsiella pneumoniae ss rhinoscleromatis	L-16001	Klebsiella pneumoniae	ATCC13884	Klebsiella pneumoniae, ssp. rhinoscleromatis
285	Meningitis, bacterial	Meningitis, bacterial organism list	Listeria monocytogenes	L-20901		ATCC15313	
286	Meningitis, bacterial	Meningitis, bacterial organism list	Mycobacterium sp.	L-21800	Mycobacterium, NOS	MSH94D009161	Mycobacterium species
287	Meningitis, bacterial	Meningitis, bacterial organism list	Neisseria meningitidis	L-22202		ATCC13077	
288	Meningitis, bacterial	Meningitis, bacterial organism list	Pseudomonas aeruginosa	L-23401		ATCC10145	
289	Meningitis, bacterial	Meningitis, bacterial organism list	Proteus mirabilis	L-16802		ATCC29906	
290	Meningitis, bacterial	Meningitis, bacterial organism list	Salmonella choleraesuis ss. arizonae			ATCC13314	
291	Meningitis, bacterial	Meningitis, bacterial organism list	Salmonella choleraesuis ss. choleraesuis	L-17518		ATCC13312	
292	Meningitis, bacterial	Meningitis, bacterial organism list	Serratia marcescens	L-1E001		ATCC13880	
293	Meningitis, bacterial	Meningitis, bacterial organism list	Staphylococcus aureus	L-24801		ATCC12600	Staphylococcus aureus ss aureus
294	Meningitis, bacterial	Meningitis, bacterial organism list	Staphylococcus epidermidis	L-24802		ATCC14990	
295	Meningitis, bacterial	Meningitis, bacterial organism list	Streptococcus pneumoniae	L-25116		ATCC33400	
296	Meningitis, bacterial	Meningitis, bacterial organism list	Streptococcus agalactiae	L-25107		ATCC13813	
297	Meningitis, bacterial	Meningitis, bacterial organism list	Enterococcus faecalis	L-1E601		ATCC19433	
298	Meningitis, bacterial	Meningitis, bacterial organism list	Mycobacterium tuberculosis	L-21801	Mycobacterium tuberculosis hominis	ATCC27294	
299	Meningitis, bacterial	Meningitis, bacterial organism list	Borrelia burgdorferi	L-12921		ATCC35210	
300	Meningitis, bacterial	Meningitis, bacterial organism list	Leptospira	L-20500	205 LEPTOSPIRA	ATCC23581	Leptospira interrogans
301	Meningitis, bacterial	Meningitis, bacterial organism list	Treponema pallidum	L-25901		MI1497	
302	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia rickettsii	L-2A003		MI1265	
303	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia conorii	L-2A005		MI1257	
304	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia prowazekii	L-2A001		MI1262	
305	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia typhi	L-2A002		MI1268	
306	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia tsutsugamushi	L-2A010		MI1267	Rickettsia tsutsugamishi
307	Meningitis, bacterial	Meningitis, bacterial organism list	Rickettsia sp.	L-2A000	Rickettsia, NOS		
308							
309	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus sp.	L-44130	Aspergillus, NOS		
310	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus candidus	L-44148		MI0121	
311	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus carneus	L-44152		MI0122	Aspergillus cerneus
312	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus clavatus	L-44133		MI0123	
313	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus deflectus	L-44153		MI0125	
314	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus fischeri	L-44156		MI0126	
315	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus flavipes	L-44134		MI0127	
316	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus flavus	L-44135		MSH95D001231	
317	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus fumigatus	L-44136		MSH95D001232	
318	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus nidulans	L-44138		MSH95D001233	
319	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus niger	L-44139		MSH95D001234	
320	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus ochraceus	L-44141		MSH95D001235	
321	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus oryzae	L-44142		MSH95D001236	
322	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus parasiticus	L-44147		MI0135	
323	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus restrictus	L-44144		MI0137	
324	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus syndowi	L-44149		MI0138	
325	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus terreus	L-44145		MI0139	
326	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus ustus	L-44151		MI0140	
327	Meningitis, fungal	Meningitis, fungal organism list	Aspergillus versicolor	L-44146		MI0141	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
328	Meningitis, fungal	Meningitis, fungal organism list	Blastomyces dermatitidis	L-44171		MI0236	
329	Meningitis, fungal	Meningitis, fungal organism list	Candida albicans	L-43131		MSH95D002176	
330	Meningitis, fungal	Meningitis, fungal organism list	Candida sp.	L-43130	Candida, NOS - (L-41010) (L-42040)	MSH95D002175	
331	Meningitis, fungal	Meningitis, fungal organism list	Candida tropicalis	L-43141		MI0322	
332	Meningitis, fungal	Meningitis, fungal organism list	Candida glabrata	L-43222		MI1484	Torulopsis glabrata
333	Meningitis, fungal	Meningitis, fungal organism list	Coccidioides immitis	L-44181		MI0406	
334	Meningitis, fungal	Meningitis, fungal organism list	Cryptococcus neoformans	L-43165		MSH95D003455	
335	Meningitis, fungal	Meningitis, fungal organism list	Histoplasma capsulatum	L-44221		MI0715	
336	Meningitis, fungal	Meningitis, fungal organism list	Nocardia sp.	L-22300	Nocardia, NOS	MSH94D009615	Nocardia species
337							
338	Meningitis, protozoal	Meningitis, protozoal organism list	Naegleria fowleri				
339	Meningitis, protozoal	Meningitis, protozoal organism list	Angiostrongylus cantonensis				
340	Meningitis, protozoal	Meningitis, protozoal organism list	Strongyloides stercoralis				
341							
342	Meningitis, viral	Meningitis, viral organism list	Herpesvirus	L-36210	Herpesvirus, NOS	MI0710	Herpesviridae
343	Meningitis, viral	Meningitis, viral organism list	Alphaherpesvirus	L-36200	362-364 ALPHAHERPESVIRUS GROUP		
344	Meningitis, viral	Meningitis, viral organism list	Varicella-zoster virus				
345	Meningitis, viral	Meningitis, viral organism list	Betaherpesvirus	L-36500	365 BETAHERPESVIRUS GROUP		
346	Meningitis, viral	Meningitis, viral organism list	Cytomegalovirus				
347	Meningitis, viral	Meningitis, viral organism list	Gammaherpesvirus	L-36800	368 GAMMAHERPESVIRUS GROUP		
348	Meningitis, viral	Meningitis, viral organism list	Epstein-Barr virus				
349	Meningitis, viral	Meningitis, viral organism list	Human herpesvirus 6				
350	Meningitis, viral	Meningitis, viral organism list	Arbovirus	L-32200	Arbovirus, NOS		
351	Meningitis, viral	Meningitis, viral organism list	Alphavirus	L-32200	Alphavirus, NOS	MSH95D000524	
352	Meningitis, viral	Meningitis, viral organism list	Togavirus	L-32200	322-326 TOGAVIRUS GROUP	MI1481	Togaviridae
353	Meningitis, viral	Meningitis, viral organism list	Eastern equine encephalitis virus	L-32207			
354	Meningitis, viral	Meningitis, viral organism list	Venezuelan equine encephalitis virus	L-32223			
355	Meningitis, viral	Meningitis, viral organism list	Western equine encephalitis virus	L-32224			
356	Meningitis, viral	Meningitis, viral organism list	Flavivirus	L-32300	323 FLAVIVIRUS	MI0627	Flavivirus
357	Meningitis, viral	Meningitis, viral organism list	Japanese encephalitis virus	L-32329			
358	Meningitis, viral	Meningitis, viral organism list	St. Louis encephalitis virus	L-32352			
359	Meningitis, viral	Meningitis, viral organism list	Bunyavirus	L-33800	338-339 BUNYAVIRUS	MI0289	
360	Meningitis, viral	Meningitis, viral organism list	Jamestown Canyon encephalitis virus	L-33843	Jamestown Canyon virus		
361	Meningitis, viral	Meningitis, viral organism list	La Crosse virus	L-33846			
362	Meningitis, viral	Meningitis, viral organism list	Enterovirus	L-30200	302 ENTEROVIRUS		
363	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A sp.	L-30300	Human coxsackievirus A, NOS		
364	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A1	L-30301	Human coxsackievirus A1		
365	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A10	L-30310	Human coxsackievirus A10		
366	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A11	L-30311	Human coxsackievirus A11		
367	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A12	L-30312	Human coxsackievirus A12		
368	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A13	L-30313	Human coxsackievirus A13		
369	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A14	L-30314	Human coxsackievirus A14		
370	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A15	L-30315	Human coxsackievirus A15		
371	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A16	L-30316	Human coxsackievirus A16		
372	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A17	L-30317	Human coxsackievirus A17		
373	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A18	L-30318	Human coxsackievirus A18		
374	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A19	L-30319	Human coxsackievirus A19		

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
375	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A2	L-30302	Human coxsackievirus A2		
376	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A20	L-30320	Human coxsackievirus A20		
377	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A21	L-30321	Human coxsackievirus A21		
378	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A22	L-30322	Human coxsackievirus A22		
379	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A23	L-30509	Human coxsackievirus A23		
380	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A24	L-30323	Human coxsackievirus A24		
381	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A3	L-30303	Human coxsackievirus A3		
382	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A4	L-30304	Human coxsackievirus A4		
383	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A5	L-30305	Human coxsackievirus A5		
384	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A6	L-30306	Human coxsackievirus A6		
385	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A7	L-30307	Human coxsackievirus A7		
386	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A8	L-30308	Human coxsackievirus A8		
387	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus A9	L-30309	Human coxsackievirus A9		
388	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B sp.	L-30400	Human coxsackievirus B, NOS		
389	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B1	L-30401	Human coxsackievirus B1		
390	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B2	L-30402	Human coxsackievirus B2		
391	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B3	L-30403	Human coxsackievirus B3		
392	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B4	L-30404	Human coxsackievirus B4		
393	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B5	L-30405	Human coxsackievirus B5		
394	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus B6	L-30406	Human coxsackievirus B6		
395	Meningitis, viral	Meningitis, viral organism list	Coxsackievirus sp.	L-30220	Human coxsackievirus, NOS		
396	Meningitis, viral	Meningitis, viral organism list	Echovirus 1	L-30501	Human echovirus 1		
397	Meningitis, viral	Meningitis, viral organism list	Echovirus 11	L-30510	Human echovirus 11		
398	Meningitis, viral	Meningitis, viral organism list	Echovirus 12	L-30511	Human echovirus 12		
399	Meningitis, viral	Meningitis, viral organism list	Echovirus 13	L-30512	Human echovirus 13		
400	Meningitis, viral	Meningitis, viral organism list	Echovirus 14	L-30513	Human echovirus 14		
401	Meningitis, viral	Meningitis, viral organism list	Echovirus 15	L-30514	Human echovirus 15		
402	Meningitis, viral	Meningitis, viral organism list	Echovirus 16	L-30515	Human echovirus 16		
403	Meningitis, viral	Meningitis, viral organism list	Echovirus 17	L-30516	Human echovirus 17		
404	Meningitis, viral	Meningitis, viral organism list	Echovirus 18	L-30517	Human echovirus 18		
405	Meningitis, viral	Meningitis, viral organism list	Echovirus 19	L-30518	Human echovirus 19		
406	Meningitis, viral	Meningitis, viral organism list	Echovirus 2	L-30502	Human echovirus 2		
407	Meningitis, viral	Meningitis, viral organism list	Echovirus 20	L-30519	Human echovirus 20		
408	Meningitis, viral	Meningitis, viral organism list	Echovirus 21	L-30520	Human echovirus 21		
409	Meningitis, viral	Meningitis, viral organism list	Echovirus 22	L-30521	Human echovirus 22		
410	Meningitis, viral	Meningitis, viral organism list	Echovirus 23	L-30522	Human echovirus 23		
411	Meningitis, viral	Meningitis, viral organism list	Echovirus 24	L-30523	Human echovirus 24		
412	Meningitis, viral	Meningitis, viral organism list	Echovirus 25	L-30524	Human echovirus 25		
413	Meningitis, viral	Meningitis, viral organism list	Echovirus 26	L-30525	Human echovirus 26		
414	Meningitis, viral	Meningitis, viral organism list	Echovirus 27	L-30526	Human echovirus 27		
415	Meningitis, viral	Meningitis, viral organism list	Echovirus 29	L-30527	Human echovirus 29		
416	Meningitis, viral	Meningitis, viral organism list	Echovirus 3	L-30503	Human echovirus 3		
417	Meningitis, viral	Meningitis, viral organism list	Echovirus 30	L-30528	Human echovirus 30		
418	Meningitis, viral	Meningitis, viral organism list	Echovirus 31	L-30529	Human echovirus 31		
419	Meningitis, viral	Meningitis, viral organism list	Echovirus 32	L-30530	Human echovirus 32		
420	Meningitis, viral	Meningitis, viral organism list	Echovirus 33	L-30531	Human echovirus 33		
421	Meningitis, viral	Meningitis, viral organism list	Echovirus 34	L-30532	Human echovirus 34		

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
422	Meningitis, viral	Meningitis, viral organism list	Echovirus 4	L-30504	Human echovirus 4		
423	Meningitis, viral	Meningitis, viral organism list	Echovirus 5	L-30505	Human echovirus 5		
424	Meningitis, viral	Meningitis, viral organism list	Echovirus 6	L-30506	Human echovirus 6		
425	Meningitis, viral	Meningitis, viral organism list	Echovirus 7	L-30507	Human echovirus 7		
426	Meningitis, viral	Meningitis, viral organism list	Echovirus 8	L-30508	Human echovirus 8		
427	Meningitis, viral	Meningitis, viral organism list	Echovirus 9	L-30509	Human echovirus 9		
428	Meningitis, viral	Meningitis, viral organism list	Echovirus sp.	L-30500	Human echovirus, NOS		
429	Meningitis, viral	Meningitis, viral organism list	Lentivirus	L-35200	Subfamily lentivirinae, NOS	MI0808	
430	Meningitis, viral	Meningitis, viral organism list	Lyssavirus	L-33300	333 LYSSAVIRUS	MI0841	
431	Meningitis, viral	Meningitis, viral organism list	Papovavirus	L-35600	Papovavirus, NOS		
432	Meningitis, viral	Meningitis, viral organism list	Paramyxovirus	L-32900	329 PARAMYXOVIRUS	MI1048	
433	Meningitis, viral	Meningitis, viral organism list	Picornavirus	L-30200	302-315 PICORNAVIRUS		
434	Meningitis, viral	Meningitis, viral organism list	Polyomavirus	L-35740	Polyomavirus, NOS	MI1144	
435	Meningitis, viral	Meningitis, viral organism list	Retrovirus	L-34600	346 RETROVIRUS		
436	Meningitis, viral	Meningitis, viral organism list	Rhabdovirus	L-334A0	Rhabdovirus, NOS	MI1232	
437	Meningitis, viral	Meningitis, viral organism list	Rubivirus	L-32500	325 RUBIVIRUS	MI1283	
438	Meningitis, viral	Meningitis, viral organism list	Lymphocytic choriomeningitis virus	L-35301	Lymphocytic choriomeningitis virus		
439	Meningitis, viral	Meningitis, viral organism list	Human immunodeficiency virus sp.	L-35210	Human immunodeficiency virus, NOS		
440	Meningitis, viral	Meningitis, viral organism list	Human immunodeficiency virus type 1	L-35211			
441	Meningitis, viral	Meningitis, viral organism list	Human immunodeficiency virus type 2	L-35212			
442	Meningitis, viral	Meningitis, viral organism list	Adenovirus	L-35800	358 ADENOVIRUS		
443	Meningitis, viral	Meningitis, viral organism list	Colorado tick fever virus	L-31851			
444	Meningitis, viral	Meningitis, viral organism list	California encephalitis virus	L-33841			
445	Meningitis, viral	Meningitis, viral organism list	Mumps virus	L-32903			
446	Meningitis, viral	Meningitis, viral organism list	Human poliovirus sp.	L-30210	Human poliovirus, NOS		
447	Meningitis, viral	Meningitis, viral organism list	Human poliovirus 1	L-30211			
448	Meningitis, viral	Meningitis, viral organism list	Human poliovirus 2	L-30212			
449	Meningitis, viral	Meningitis, viral organism list	Human poliovirus 3	L-30213			
450							
451	Meningococcal disease	Meningococcal organism list	Neisseria meningitidis	L-22202		ATCC13077	
452							
453	Microsporidia	Microsporidia organism list	Microsporidia sp.				
454	Microsporidia	Microsporidia organism list	Encephalitozoon sp.	L-54020	Encephalitozoon, NOS	MI0528	Encephalitozoon
455	Microsporidia	Microsporidia organism list	Nosema sp.	L-54000	Nosema, NOS	MSH95D016818	Nosema
456	Microsporidia	Microsporidia organism list	Pleistophora			MI1135	
457	Microsporidia	Microsporidia organism list	Enterocytozoon sp.	L-54040	Enterocytozoon, NOS	MI0566	Enterocytozoon
458	Microsporidia	Microsporidia organism list	Enterocytozoon bienusi	L-54041		MI0567	
459							
460	Mumps	Mumps virus organism list	Mumps virus	L-32903			
461							
462	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium abscessus			ATCC19977	
463	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium asiaticum	L-21854		MI0927	
464	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium avium ss. avium			ATCC25291	
465	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium avium ss. paratuberculosis			ATCC19698	
466	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium avium-intracellulare			MI0928	
467	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium celatum			ATCC51131	
468	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium chelonae	L-21823		ATCC35752	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
469	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium fortuitum	L-21822		ATCC6841	
470	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium fortuitum-chelonae			MI0932	
471	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium genavense			ATCC51234	
472	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium gordonae	L-21812		MI0934	
473	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium haemophilum	L-21831		MI0935	
474	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium intracellulare	L-21814		ATCC13950	
475	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium kansasii	L-21805		ATCC12478	
476	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium malmonense	L-21830		ATCC29571	Mycobacterium malmoense
477	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium marinum	L-21806		ATCC00927	
478	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium scrofulaceum	L-21813		MI0947	
479	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium shimoidei	L-21853			
480	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium simiae	L-21807		MI0948	
481	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium smegmatis	L-21820		ATCC19420	
482	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium szulgai	L-21829		MI0950	
483	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium ulcerans	L-21817		MI0954	
484	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium xenopi	L-21816		MI0955	
485	Mycobacterium, non-TB	Non-tuberculosis mycobacterium organism list	Mycobacterium sp.	L-21800	Mycobacterium, NOS	MSH94D009161	Mycobacterium species
486							
487	Pertussis	Pertussis organism list	Bordetella pertussis	L-12801		ATCC9797	
488							
489	Plague	Plague organism list	Yersinia pestis	L-1E401		ATCC19428	
490							
491	Pneumocystis carinii	Pneumocystis carinii organism list	Pneumocystis carinii	L-50F00		MSH95D011010	
492							
493	Poliomyelitis	Poliomyelitis organism list	Human poliovirus sp.	L-30210	Human poliovirus, NOS		
494	Poliomyelitis	Poliomyelitis organism list	Human poliovirus 1	L-30211			
495	Poliomyelitis	Poliomyelitis organism list	Human poliovirus 2	L-30212			
496	Poliomyelitis	Poliomyelitis organism list	Human poliovirus 3	L-30213			
497	Psittacosis	Psittacosis organism list	Chlamydia psittaci	L-2A902		ATCCVR 125	
498	Psittacosis	Psittacosis organism list	Chlamydia psittaci var. bovis	L-2A904			
499	Psittacosis	Psittacosis organism list	Chlamydia psittaci var. felis	L-2A905			
500	Psittacosis	Psittacosis organism list	Chlamydia psittaci var. ovis	L-2A906			
501							
502	Q fever	Q fever organism list	Coxiella burnetii	L-2A301		MI0443	
503							
504	Rabies (animal)	Rabies (animal) organism list	Rabies virus group sp.	L-33300	Rabies virus group, NOS		
505	Rabies (animal)	Rabies (animal) organism list	Rabies virus	L-33301			
506	Rabies (human)	Rabies (human) organism list	Rabies virus group sp.	L-33300	Rabies virus group, NOS		
507	Rabies (human)	Rabies (human) organism list	Rabies virus	L-33301			
508							
509	Relapsing fever	Relapsing fever organism list	Borrelia caucasica	L-12910		MI0251	
510	Relapsing fever	Relapsing fever organism list	Borrelia crocidurae	L-12914		MI0253	
511	Relapsing fever	Relapsing fever organism list	Borrelia dipodilli			MI0254	
512	Relapsing fever	Relapsing fever organism list	Borrelia duttonii	L-12905		MI0255	
513	Relapsing fever	Relapsing fever organism list	Borrelia hermsii	L-12904		MI0257	

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
514	Relapsing fever	Relapsing fever organism list	Borrelia hispanica	L-12903		MI0258	
515	Relapsing fever	Relapsing fever organism list	Borrelia latyschewii	L-12915		MI0259	
516	Relapsing fever	Relapsing fever organism list	Borrelia mazzottii	L-12908		MI0260	
517	Relapsing fever	Relapsing fever organism list	Borrelia merionesi			MI0261	
518	Relapsing fever	Relapsing fever organism list	Borrelia microti	L-12922		MI0262	
519	Relapsing fever	Relapsing fever organism list	Borrelia parkeri	L-12906		MI0263	
520	Relapsing fever	Relapsing fever organism list	Borrelia persica	L-12909		MI0264	
521	Relapsing fever	Relapsing fever organism list	Borrelia recurrentis	L-12902		MI0266	
522	Relapsing fever	Relapsing fever organism list	Borrelia turicatae	L-12919		MI0269	
523	Relapsing fever	Relapsing fever organism list	Borrelia venezuelensis	L-12907		MI0270	
524							
525	Rickettsial infection	Rickettsia organism list	Rickettsia sp.	L-2A000	Rickettsia, NOS		
526	Rickettsial infection	Rickettsia organism list	Rickettsia akari	L-2A007		MI1253	
527	Rickettsial infection	Rickettsia organism list	Rickettsia prowazekii	L-2A001		MI1262	
528	Rickettsial infection	Rickettsia organism list	Rickettsia rickettsii	L-2A003		MI1265	
529	Rickettsial infection	Rickettsia organism list	Rickettsia tsutsugamishi	L-2A010		MI1267	Rickettsia tsutsugamishi
530	Rickettsial infection	Rickettsia organism list	Rickettsia typhi	L-2A002		MI1268	
531							
532	Rickettsialpox	Rickettsialpox organism list	Rickettsia akari	L-2A007		MI1253	
533							
534	Rocky Mountain Spotted Fever	Rocky Mountain Spotted Fever organism list	Rickettsia rickettsii	L-2A003		MI1265	
535							
536	Rotavirus	Rotavirus organism list	Rotavirus	L-32100	321 ROTAVIRUS	MI1280	
537							
538	Rubella	Rubella organism list	Rubella virus	L-32501			
539							
540	Salmonellosis, non-typhoid	Non-typhoid salmonellosis organism list	Salmonella choleraesuis ss. arizonae			ATCC13314	
541	Salmonellosis, non-typhoid	Non-typhoid salmonellosis organism list	Salmonella choleraesuis ss. choleraesuis			ATCC13312	
542	Salmonellosis, non-typhoid	Non-typhoid salmonellosis organism list	Salmonella enterica			ATCC43971	
543	Salmonellosis, non-typhoid	Non-typhoid salmonellosis organism list	Salmonella enteritidis	L-18128		ATCC13076	
544	Salmonellosis, non-typhoid	Non-typhoid salmonellosis organism list	Salmonella sp.	L-17100	Salmonella, NOS	MSH94D012475	Salmonella species
545							
546	Scrub typus	Scrub typhus organism list	Rickettsia tsutsugamushi	L-2A010		MI1267	Rickettsia tsutsugamishi
547							
548	Shigellosis	Shigellosis organism list	Shigella boydii	L-1E103		ATCC8700	
549	Shigellosis	Shigellosis organism list	Shigella dysenteriae	L-1E101		ATCC13313	
550	Shigellosis	Shigellosis organism list	Shigella flexneri	L-1E102		ATCC29903	
551	Shigellosis	Shigellosis organism list	Shigella sonnei	L-1E104		ATCC29930	
552	Shigellosis	Shigellosis organism list	Shigella sp.	L-1E100	Shigella, NOS	MSH94D012760	Shigella species
553							
554	Staphylococcus	Staphlococcus organism list	Staphylococcus aureus	L-24801		ATCC12600	Staphylococcus aureus ss aureus
555	Staphylococcus	Staphlococcus organism list	Staphylococcus auricularis	L-24822		ATCC33753	
556	Staphylococcus	Staphlococcus organism list	Staphylococcus capitis ss. ureolyticus				

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
557	Staphylococcus	Staphlococcus organism list	Staphylococcus capitis ss. capitis			ATCC27840	Staphylococcus capitis subsp. capitis
558	Staphylococcus	Staphlococcus organism list	Staphylococcus caprae	L-24820		MI1391	
559	Staphylococcus	Staphlococcus organism list	Staphylococcus cohnii ss. cohnii			ATCC29974	
560	Staphylococcus	Staphlococcus organism list	Staphylococcus cohnii ss. urealyticum			ATCC49330	
561	Staphylococcus	Staphlococcus organism list	Staphylococcus epidermidis	L-24802		ATCC14990	
562	Staphylococcus	Staphlococcus organism list	Staphylococcus haemolyticus	L-24805		ATCC29970	
563	Staphylococcus	Staphlococcus organism list	Staphylococcus hominis	L-24804		ATCC27844	
564	Staphylococcus	Staphlococcus organism list	Staphylococcus lugdunensis			MI1406	
565	Staphylococcus	Staphlococcus organism list	Staphylococcus pasteuri			ATCC51129	
566	Staphylococcus	Staphlococcus organism list	Staphylococcus saccharolyticus	L-24821		MI1408	
567	Staphylococcus	Staphlococcus organism list	Staphylococcus saprophyticus	L-24803		ATCC15305	
568	Staphylococcus	Staphlococcus organism list	Staphylococcus schleiferi ss. schleiferi			ATCC43808	
569	Staphylococcus	Staphlococcus organism list	Staphylococcus simulans	L-24806		ATCC27848	
570	Staphylococcus	Staphlococcus organism list	Staphylococcus warneri	L-24813		ATCC27836	
571	Staphylococcus	Staphlococcus organism list	Staphylococcus xylosus	L-24812		ATCC29971	
572							
573	Streptococcus pneumoniae	Streptococcus pneumoniae organism list	Streptococcus pneumoniae	L-25116		ATCC33400	
574							
575	Streptococcus, Group A	Group A streptococcus organism list	Streptococcus pyogenes	L-25102		ATCC12344	
576	Streptococcus, Group A	Group A streptococcus organism list	Streptococcus, Group A	L-25128	Streptococcus, group A		
577							
578	Streptococcus, Group B	Group B streptococcus organism list	Streptococcus agalactiae	L-25107		ATCC13813	
579							
580	Strongyloides	Strongyloides organism list	Strongyloides stercoralis	L-55301		MI1455	
581							
582	Syphilis	Syphilis organism list	Treponema pallidum	L-25901		MI1497	
583							
584	Tetanus	Tetanus organism list	Clostridium tetani	L-14158		MI0403	
585							
586	Toxoplasmosis	Toxoplasmosis organism list	Toxoplasma gondii	L-52801		MSH95D014122	
587							
588	Trachoma	Trachoma organism list	Chlamydia trachomatis	L-2A901		ATCCVR 571	
589							
590	Trichinellosis	Trichinellosis organism list	Trichinella spiralis	L-57181		MSH95D017160	
591							
592	Trichomoniasis	Trichomoniasis organism list	Trichomonas vaginalis	L-50901		MSH95D014246	
593							
594	Tuberculosis	Tuberculosis organism list	Mycobacterium tuberculosis	L-21801	Mycobacterium tuberculosis hominis	ATCC27294	
595							
596	Tularemia	Tularemia organism list	Francisella tularensis	L-1F201			
597	Tularemia	Tularemia organism list	Francisella tularensis ss. tularensis	L-1F202		ATCC06223	
598							
599	Typhoid fever	Typhoid fever organism list	Salmonella typhi	L-18122		ATCC19430	
600	Typhoid fever	Typhoid fever organism list	Salmonella paratyphi A	L-17201			
601	Typhoid fever	Typhoid fever organism list	Salmonella paratyphi B	L-17309			
602	Typhoid fever	Typhoid fever organism list	Salmonella paratyphi C	L-17517			

	A	B	C	D	E	F	G
1	**Condition Name**	**Organism Set**	**Element**	**SNOMED**	**SNOMED Name**	**IUPAC**	**IUPAC Name**
603	Typhoid fever	Typhoid fever organism list	Salmonella typhimurium	L-17354		ATCC13311	
604							
605	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio cholerae, non-01	L-26203			
606	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio alginolyticus	L-26210		ATCC17749	
607	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio carchariae	L-26235		ATCC35084	
608	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio cincinnatiensis	L-26236		ATCC35912	
609	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio damsela	L-26239		MI1566	
610	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio fluvialis	L-26215		ATCC33809	
611	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio furnissii	L-26228		MI1568	
612	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio hollisae	L-26223		ATCC33564	
613	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio metschnikovii	L-26212		NCTC8443	
614	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio mimicus	L-26213		ATCC33653	
615	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio parahemolyticus			ATCC17802	
616	Vibrio cholerae, non-O1	Non-O1 vibrio cholerae organism list	Vibrio vulnificus	L-26211		ATCC27562	
617							
618	Visceral larva migrans	Visceral larva migrans organism list	Bayliascaris procyonis	L-56262			
619	Visceral larva migrans	Visceral larva migrans organism list	Toxocara canis	L-56221			
620							
621	Yellow fever	Yellow fever organism list	Yellow fever virus	L-32301			
622							
623	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia aldovae	L-1E405		ATCC35236	
624	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia bercovieri			ATCC43970	
625	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia enterocolitica	L-1E403		ATCC09610	
626	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia frederiksenii	L-1E407		ATCC33641	
627	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia intermedia	L-1E404		ATCC29909	
628	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia kristensenii	L-1E408		ATCC33638	
629	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia mollaretii			ATCC43969	
630	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia pseudotuberculosis	L-1E402		ATCC29833	
631	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia rohdei	L-1E409		ATCC43380	
632	Yersiniosis, non-plague	Non-plague yersiniosis organism list	Yersinia sp.	L-1E400	Yersinia, NOS	MSH94D015007	Yersinia species