

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

ACCUTEST, INC.  
P.O. Box 999  
Westford, Massachusetts 01886  
(800) 665-2575

**MICROBIOLOGY**

Bacteriology

Aerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

Mycobacteriology

Acid Fast Stain  
Mycobacteriology Identification  
Mycobacteriology Susceptibility Testing

Mycology

Culture and Identification

Parasitology

Presence or Absence of Parasites  
Identification of Parasites

Virology

Direct Viral Antigen Detection

**DIAGNOSTIC IMMUNOLOGY**

Syphilis Serology

General Immunology

Alpha-1 Antitrypsin  
Alpha Fetoprotein (tumor marker)  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Hepatitis Be Antigen (HBeAg)

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

ACCUTEST, INC.  
(continued)

General Immunology , continued

Immunoglobulins, total:

IgA

IgG

IgM

IgE

Infectious Mononucleosis

Rheumatoid Factor

Rubella

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)

Albumin

Alkaline Phosphatase

Amylase

Aspartate Aminotransferase (AST or SGOT)

Bilirubin, total

Blood Gases:

pH

pCO<sub>2</sub>

pO<sub>2</sub>

Calcium, total

Chloride

Cholesterol, HDL

Cholesterol, total

Creatine Kinase, total

Creatine Kinase, Isoenzyme (CK-MB)

Creatinine

Glucose

Iron, total

Lactate Dehydrogenase (LDH), total

Magnesium

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

ACCUTEST, INC.  
(continued)

Routine Chemistry, continued

Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

ACCUTEST, INC.  
(continued)

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification

## **CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AMERICAN ACADEMY OF FAMILY PHYSICIANS (AAFP)  
11400 Tomahawk Creek Parkway  
Leawood, Kansas 66211-2672  
(800) 274-7911

### **MICROBIOLOGY**

#### Bacteriology

Aerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

#### Mycobacteriology

Acid-Fast Stain

#### Mycology

Culture and Identification

#### Parasitology

Presence or Absence of Parasites  
Identification of Parasites

#### Virology

Direct Viral Antigen Detection

### **DIAGNOSTIC IMMUNOLOGY**

#### Syphilis Serology

#### General Immunology

Alpha-1 Antitrypsin  
Alpha Fetoprotein (tumor marker)  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Hepatitis Be Antigen (HBeAg)  
Infectious Mononucleosis  
Rheumatoid Factor  
Rubella

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAFP  
(continued)

General Immunology ,continued

Immunoglobulins (total):

IgG

IgA

IgM

IgE

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)

Albumin

Alkaline Phosphatase

Amylase

Aspartate Aminotransferase (AST or SGOT)

Bilirubin, total

Blood Gases:

pH

pCO<sub>2</sub>

pO<sub>2</sub>

Calcium, total

Chloride

Cholesterol, total

Cholesterol (HDL)

Creatine Kinase, total

Creatine Kinase, Isoenzyme (CK-MB)

Creatinine

Glucose

Iron, total

Lactate Dehydrogenase (LDH), total

LDH Isoenzymes (LDH1/LDH2)

Magnesium

Potassium

Sodium

Total Protein

Triglycerides

Urea Nitrogen

Uric Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAFP  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Blood Lead  
Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAFP  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification



**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AMERICAN ASSOCIATION OF BIOANALYSTS (AAB)  
205 West Levee Street  
Brownsville, Texas 78520-5596  
(800) 234-5315

**MICROBIOLOGY**

Bacteriology

Aerobic/Anaerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

Mycobacteriology

Acid-Fast Stain

Parasitology

Presence or Absence of Parasites  
Identification of Parasites

Virology

Direct Viral Antigen Detection

**DIAGNOSTIC IMMUNOLOGY**

Syphilis Serology

General Immunology

Alpha-1 Antitrypsin  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Hepatitis Be Antigen (HBeAg)  
Immunoglobulins, total:  
IgA  
IgG  
IgM  
IgE  
Infectious Mononucleosis

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAB  
(continued)

General Immunology, continued

Rheumatoid Factor  
Rubella

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
    pH  
    pCO<sub>2</sub>  
    pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatinine  
Creatine Kinase, total  
Creatine Kinase Isoenzyme, (CK-MB)  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAB  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Carbamazepine  
Digoxin  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic Acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AAB  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification

## **CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

AMERICAN PROFICIENCY INSTITUTE (API)  
1159 Business Park Drive  
Traverse City, Michigan 49686  
(800) 333- 0958

### **MICROBIOLOGY**

#### Bacteriology

Aerobic/Anaerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

#### Mycobacteriology

Acid-Fast Stain  
Mycobacteriology Identification  
Mycobacteriology Susceptibility Testing

#### Mycology

Culture and Identification

#### Parasitology

Presence or Absence of Parasites  
Identification of Parasites

#### Virology

Direct Viral Antigen Detection

### **DIAGNOSTIC IMMUNOLOGY**

#### Syphilis Serology

#### General Immunology

Alpha-1 Antitrypsin  
Alpha-Fetoprotein (tumor marker)  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Immunoglobulins (total):  
IgA  
IgG  
IgM

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

API  
(continued)

General Immunology, continued

IgE  
Infectious Mononucleosis  
Rheumatoid Factor  
Rubella

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
    pH  
    pCO<sub>2</sub>  
    pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatine Kinase, total  
Creatine Kinase, Isoenzyme (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

API  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Thyroid Stimulating Hormone  
Thyroxine, total  
Triiodothyronine

Toxicology

Blood Alcohol  
Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic Acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Prothrombin Time  
Partial Thromboplastin Time

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

API  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification



**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

CALIFORNIA THORACIC SOCIETY (CTS)

202 Fashion Lane

Suite 219

Tustin, California 92780-3320

(714) 730-1944

**CHEMISTRY**

Routine Chemistry

Blood Gases:

pH

pCO<sub>2</sub>

pO<sub>2</sub>

Chloride

Glucose

Potassium

Sodium

**HEMATOLOGY**

Hemoglobin

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

**THE COLLEGE OF AMERICAN PATHOLOGISTS (CAP) - SURVEYS**

College of American Pathologists  
325 Waukegan Road  
Northfield, Illinois 60093-2750  
(847) 832-7000

**MICROBIOLOGY**

Bacteriology

Aerobic/Anaerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

Mycobacteriology

Acid Fast Stain  
Mycobacteriology Identification  
Mycobacteriology Susceptibility Testing

Mycology

Culture and Identification

Parasitology

Presence or Absence of Parasites  
Identification of Parasites

Virology

Direct Viral Antigen Detection  
Viral Isolation and Identification

**DIAGNOSTIC IMMUNOLOGY**

Syphilis Serology

General Immunology

Alpha-1 Antitrypsin  
Alpha Fetoprotein (tumor marker)  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

**CAP - SURVEYS**

(continued)

General Immunology, continued

Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Hepatitis Be Antigen (HBeAg)  
Immunoglobulins, total:  
  IgA  
  IgG  
  IgM  
  IgE  
Infectious Mononucleosis  
Rheumatoid Factor  
Rubella

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
  pH  
  pCO<sub>2</sub>  
  pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatine Kinase, total  
Creatine Kinase, Isoenzyme (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
LDH Isoenzymes (LDH1/LDH2)  
Magnesium

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

**CAP - SURVEYS**

(continued)

Routine Chemistry, continued

Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Blood Lead  
Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

**CAP - SURVEYS**  
(continued)

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification

**CYTOLOGY**

Gynecologic Examinations

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

EXTERNAL COMPARATIVE EVALUATION FOR LABORATORIES - EXCEL

College of American Pathologists  
325 Waukegan Road  
Northfield, Illinois 60093-2750  
(800) 323-4040

**MICROBIOLOGY**

Bacteriology

Aerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

Virology

Direct Viral Antigen Detection

**DIAGNOSTIC IMMUNOLOGY**

Syphilis Serology

General Immunology

IgE, total  
Infectious Mononucleosis  
Rheumatoid Factor

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
pH  
pCO<sub>2</sub>  
pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

EXCEL  
(continued)

Routine Chemistry, continued

Creatine Kinase, total  
Creatine Kinase, Isoenzyme (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Carbamazepine  
Digoxin  
Lithium  
Phenobarbital  
Phenytoin  
Theophylline  
Valproic Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

EXCEL  
(continued)

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection



## **CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

### MEDICAL LABORATORY EVALUATION (MLE) PROGRAM

2011 Pennsylvania Avenue, NW

Suite 800

Washington, DC 20006-1834

(800) 338-2746, (202) 261-4500

### **MICROBIOLOGY**

#### Bacteriology

Aerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

#### Parasitology

Absence or Presence of Parasites  
Identification of Parasites

#### Virology

Direct Viral Antigen Detection

### **DIAGNOSTIC IMMUNOLOGY**

#### Syphilis Serology

#### General Immunology

Antinuclear Antibody  
Antistreptolysin O  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)  
Hepatitis Be Antigen (HBeAg)  
Immunoglobulins, total:  
IgA  
IgG  
IgM  
IgE  
Infectious Mononucleosis  
Rheumatoid Factor  
Rubella

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

MLE  
(continued)

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Calcium, total  
Blood Gases:  
    pH  
    pCO<sub>2</sub>  
    pO<sub>2</sub>  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatine Kinase, total  
Creatinine Kinase, Isoenzymes (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
LDH Isoenzymes (LDH1)  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

MLE  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Carbamazepine  
Digoxin  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Quinidine  
Theophylline  
Valproic Acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

MLE  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Antibody Identification  
Compatibility Testing

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

COMMONWEALTH OF PENNSYLVANIA

Department of Health

Bureau of Laboratories

P.O. Box 500

Exton, Pennsylvania 19341-0500

(610) 280-3464

**CHEMISTRY**

Toxicology

Blood Alcohol

Blood Lead

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

**PUERTO RICO PROFICIENCY TESTING SERVICE**

Public Health Laboratories of Puerto Rico

PO Box 70184

San Juan, Puerto Rico 00936-8184

(787) 274-6827

**MICROBIOLOGY**

Bacteriology

Aerobic/Anaerobic Culture and Identification

Antibiotic Susceptibility Testing

Direct Bacterial Antigen Detection

Gram Stain

Parasitology

Identification of Parasites

**DIAGNOSTIC IMMUNOLOGY**

Syphilis Serology

General Immunology

Alpha-1 Antitrypsin

Alpha Fetoprotein (tumor marker)

Antinuclear Antibody

Antistreptolysin O

Anti-Human Immunodeficiency Virus (Anti-HIV)

Complement C3

Complement C4

Hepatitis B Surface Antigen (HBsAg)

Hepatitis B Core Antibody (Anti-HBc)

Hepatitis Be Antigen (HBeAg)

Immunoglobulins, total:

IgA

IgG

IgM

IgE

Infectious Mononucleosis

Rheumatoid Factor

Rubella

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**  
**PUERTO RICO PROFICIENCY TESTING SERVICE**  
(continued)

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
    pH  
    pCO<sub>2</sub>  
    pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatine Kinase, total  
Creatine Kinase Isoenzyme (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
Lactate Dehydrogenase Isoenzymes (LDH1/LDH2)  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

PUERTO RICO PROFICIENCY TESTING SERVICE  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic Acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time



**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

PUERTO RICO PROFICIENCY TESTING SERVICE  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

WSLH  
Proficiency Testing Program  
465 Henry Mall  
Madison, Wisconsin 53706-1578  
(800) 462-5261

**MICROBIOLOGY**

Bacteriology

Aerobic/Anaerobic Culture and Identification  
Antibiotic Susceptibility Testing  
Direct Bacterial Antigen Detection  
Gram Stain

Mycobacteriology

Acid-Fast Stain  
Mycobacteriology Identification

Mycology

Culture and Identification

Parasitology

Presence or Absence of Parasites  
Identification of Parasites

Virology

Direct Viral Antigen Detection

**GENERAL IMMUNOLOGY**

Syphilis Serology

General Immunology

Alpha-1 Antitrypsin  
Alpha Fetoprotein (tumor marker)  
Antinuclear Antibody  
Antistreptolysin O  
Anti-Human Immunodeficiency Virus (Anti-HIV)  
Complement C3  
Complement C4  
Hepatitis B Surface Antigen (HBsAg)  
Hepatitis B Core Antibody (Anti-HBc)

**CLIA APPROVED PROFICIENCY TESTING PROGRAMS - 2009**

WSLH  
(continued)

General Immunology, continued

Immunoglobulins, total:  
IgA  
IgG  
IgM  
IgE  
Infectious Mononucleosis  
Rheumatoid Factor  
Rubella

**CHEMISTRY**

Routine Chemistry

Alanine Aminotransferase (ALT or SGPT)  
Albumin  
Alkaline Phosphatase  
Amylase  
Aspartate Aminotransferase (AST or SGOT)  
Bilirubin, total  
Blood Gases:  
pH  
pCO<sub>2</sub>  
pO<sub>2</sub>  
Calcium, total  
Chloride  
Cholesterol, total  
Cholesterol, HDL  
Creatine Kinase, total  
Creatinine Kinase Isoenzyme, (CK-MB)  
Creatinine  
Glucose  
Iron, total  
Lactate Dehydrogenase (LDH), total  
Magnesium  
Potassium  
Sodium  
Total Protein  
Triglycerides  
Urea Nitrogen  
Uric Acid

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WSLH  
(continued)

Endocrinology

Cortisol  
Free Thyroxine  
Human Chorionic Gonadotropin  
T3 Uptake  
Triiodothyronine  
Thyroid Stimulating Hormone  
Thyroxine, total

Toxicology

Blood Alcohol  
Blood Lead  
Carbamazepine  
Digoxin  
Ethosuximide  
Gentamicin  
Lithium  
Phenobarbital  
Phenytoin  
Primidone  
Procainamide and Metabolite  
Quinidine  
Theophylline  
Tobramycin  
Valproic Acid

**HEMATOLOGY**

Cell Identification  
WBC Differential  
Erythrocyte Count  
Hematocrit  
Hemoglobin  
Leukocyte Count  
Platelet Count  
Fibrinogen  
Partial Thromboplastin Time  
Prothrombin Time

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WSLH  
(continued)

**IMMUNOHEMATOLOGY**

ABO Group  
D (Rho) Typing  
Unexpected Antibody Detection  
Compatibility Testing  
Antibody Identification

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MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
Office of Health Care Quality – Laboratory Care  
Spring Grove Hospital Center  
Bland Bryant Building  
55 Wade Avenue  
Catonsville, Maryland 21228  
(410) 402-8029

The State of Maryland's Cytology Proficiency Testing Program is available to any cytology laboratory possessing a valid Maryland State License. The laboratory must ensure that each individual engaged in the examination of gynecologic preparations is enrolled in proficiency testing, if available in the State in which the individual is employed.

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AMERICAN SOCIETY FOR CLINICAL PATHOLOGY

8900 Keystone Crossing

Suite 620

Indianapolis, IN 46240

(800) 267-2727, (317) 876-4169

**CYTOLOGY**

Gynecologic Examinations

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NEW YORK STATE DEPARTMENT OF HEALTH  
State of New York  
Department of Health  
The Governor Nelson A. Rockefeller State Plaza  
P.O. Box 509  
Albany, New York 12201-0509  
(518) 474-8739

A laboratory located outside the State of New York that holds a valid New York State permit may choose to use the New York State proficiency testing (PT) program to fulfill Federal requirements for PT enrollment and participation in the specialties of microbacteriology, diagnostic immunology, chemistry, hematology, and immunochemistry.