

Laboratory Procedure Manual

Analyte: **Toxoplasma Sabin–Feldman Dye, Differential Agglutination (AC/HS) Test, and IgG Avidity Test**

Matrix: **Serum**

Important Information for Users

CDC periodically refines these laboratory methods. It is the responsibility of the user to contact the person listed on the title page of each write-up before using the analytical method to find out whether any changes have been made and what revisions, if any, have been incorporated.

Toxoplasma Sabin–Feldman Dye, Differential Agglutination (AC/HS) Test, and IgG Avidity Test in Serum - NHANES 2001–2002

Public Release Data Set Information

This document details the Lab Protocol for NHANES 2001–2002 data.

A tabular list of the released analytes follows:

Dataset name	Variable name	Description
L17_b	LBXT03	Toxoplasma (Dye)
L17_b	LBXT04	Toxoplasma Differential Agglutination
L17_b	LBXT04IN	Toxoplasma Differential Agglutination Interpretation
L17_b	LBXT05	Toxoplasma (Avidity)
L17_b	LBXT05IN	Toxoplasma (Avidity) IgG Interpretation

It is not the policy of these laboratories to release their standard operating procedures. Please refer to the following published references that describe these methods and laboratory principles involved:

1. Sabin – Feldman Dye Test:

Sabin AB, Feldman HA. Dyes as microchemical indicators of a new immunity phenomenon affecting a protozoan parasite (*Toxoplasma*). *Science*. 1948;108:660–663.

2. Differential Agglutination (AC/HS) Test:

Dannemann BR, Vaughan WC, Thulliez P, Remington JS. Differential agglutination test for diagnosis of recently acquired infection with *Toxoplasma gondii*. *J Clin Microbiol*. 1990;28:1928–1933.

3. IgG Avidity Test:

Pelloux, H, et al. Determination of anti-*Toxoplasma gondii* immunoglobulin G avidity: Adaption to the Vidas system (bioMerieux). *Diagn Microbiol Infect Dis*. 1998;32:69-73.