



Excellence in Pathology and Laboratory Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for Toxoplasma IgG and IgM

Samuel Smith, MD Lab Director / Jeff Johnson, Clinical Lab Manager

Overview and Clinical Utility:

Effective April 8, 2009, PathGroup Labs will begin performing Toxoplasma IgG and Toxoplasma IgM testing in house.

Test Methodology:

Toxoplasma IgG and IgM is for the detection of human antibodies to *Toxoplasma gondii* in human serum by enzyme immunoassay as an aid in the determination of infection with Toxoplasma.

Ordering:

Test Code	Test Name	CPT
TOXG	Toxoplasma IgG	86777
TOXM	Toxoplasma IgM	86778

Reference interval for Toxoplasma IgG & IgM:

New Reference Range:

Previous Reference Range:

Methodology: Semi-Quantitative EIA	Methodology: Semi-Quantitative ELISA
< 0.90: Negative- No significant level of detectable Toxoplasma IgG / IgM antibody.	0.89 IV or less: Negative - No significant level of detectable Toxoplasma IgG / IgM antibody.
≥ 0.90 to ≤1.09: Equivocal - Repeat testing in 10-14 days may be helpful.	0.90-1.09 IV: Equivocal - Repeat testing in 10-14 days may be helpful.
≥ 1.10: Positive- IgG / IgM antibody to Toxoplasma detected which may indicate a current or recent infection.	1.10 IV or greater: Positive – IgG / IgM antibody to Toxoplasma detected, which may indicate a current or recent infection.
Units: Index	Units: IV

Specimen Collection and Storage:

- 1) Collect specimen in a serum separator tube..
 - a) Allow serum tube to clot for 30 minutes.
 - b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
- 2) Serum specimens are stable refrigerated for 2 days or frozen for 30 days.

Test Performed:

Tuesday and Thursday

Turnaround time:

1-4 days

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.