Excellence in Pathology and Laboratory Services

Revised Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for ToRC IgG

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This change will take effect September 23, 2009

Overview and Clinical Utility:

Effective September 23, 2009, PathGroup Labs will begin performing ToRC IgG testing in house on the BioPlex 2200. This method is a multiplex flow immunoassay employing an array of *T. gondii,* Rubella and CMV antigens that simultaneously screens for antibodies reactive to these pathogens in a single reaction vessel using a single sample.

Test Methodology:

The ToRC IgG assay includes Toxoplasma IgG, Rubella IgG, and CMV IgG antibodies. A positive result indicates exposure to the respective analyte.

Test Code: TORC

Toxoplasma IgG	**86317**
Rubella IgG	**86762**
Cytomegalovirus IgG	**86644**

ToRC IgG:

New Methodology: BioPlex 2200	Previous Methodology: Semi-Quantitative ELISA
Toxoplasma IgG : ≤ 9 IU/mL – Negative 10 - 11 IU/mL - Equivocal ≥ 12 IU/mL – Positive	**Toxoplasma IgG :** < 27 IU/mL – Negative ≥ 27 < 33 IU/mL – Equivocal ≥ 33 IU/mL – Positive
Rubella IgG: ≤ 7 IU/mL – Negative 8 - 9 IU/mL – Equivocal ≥ 10 IU/mL - Positive	**Rubella IgG:** <10 IU/mL – Negative ≥ 10 - < 15 IU/mL – Equivocal ≥ 15 IU/mL – Positive
CMV IgG: ≤ 0.8 AI – Negative 0.9 - 1.0 AI – Equivocal ≥ 1.1 AI – Positive	**CMV IgG:** < 0.9 IU – Negative ≥ 0.9 - <1.1 IU - Equivocal ≥1.1 IU – Positive

Specimen Collection and Storage:

1) Collect specimen in a serum separator tube..
   a) Allow serum tube to clot for 30 minutes.
      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:

Monday - Friday

Turnaround time:

1-2 days

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