Excellence in Pathology and Laboratory Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for CMV IgM

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This change will take effect April 1, 2009

Overview and Clinical Utility:

Effective April 1, 2009, PathGroup Labs will begin performing CMV IgM testing in house.

Test Methodology:

CMV IgM is for the detection of human IgM antibodies to cytomegalovirus virus in human serum by enzyme immunoassay, as an aid in the determination of acute or reactivated infection with CMV. When used as a semi-quantitative test, CMV IgM EIA aids in the assessment of the patient for the diagnosis of acute or recent CMV infection. These reagents have not received FDA clearance for use in testing blood or plasma donors.

CMV IgG:

New Test:	Previous Test:
Methodology: Semi-Quantitative EIA	Methodology: Semi-Quantitative ELISA
< 0.90: Negative- No significant level of detectable CMV IgM antibody.	0.89 IV or less: Negative - No significant level of detectable CMV 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- IgM antibody to CMV detected which may indicate a current or recent CMV infection.	1.10 IV or greater: Positive - IgM antibody to CMV detected, which may indicate a current or recent infection. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-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.

CPT Code: 86645

Test Performed:

Tuesday and Thursday

Turnaround time:
1-4 days

Ordering:

CMVM	Cytomegalovirus IgM

REFERENCES:
Bio-Rad CMV IgM Test Instruction Manual

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