Test Update
From Your Laboratory Service Provider, PathGroup Labs
Testing Provided on Site for CMV IgG
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Crystal Davenport, Lead Tech Special Chemistry

This change will take effect April 1, 2009

Overview and Clinical Utility:
Effective April 1, 2009, PathGroup Labs will begin performing CMV IgG testing in house.

Test Methodology:
CMV IgG is for the detection of human IgG 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 IgG EIA aids in the assessment of the patient's immunological response to CMV. These reagents have not received FDA clearance for use in testing blood or plasma donors.

CMV IgG:

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<td>&lt; 0.90: Negative- No significant level of detectable CMV IgG antibody.</td>
<td>0.89 IV or less: Negative - No significant level of detectable CMV IgG antibody.</td>
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<td>≥ 0.90 to ≤1.09: Equivocal - Repeat testing in 10-14 days may be helpful.</td>
<td>0.90-1.09 IV: Equivocal - Repeat testing in 10-14 days may be helpful.</td>
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<td>≥ 1.10: Positive- IgG antibody to CMV detected which may indicate a current or past CMV infection.</td>
<td>1.10 IV or greater: Positive - IgG antibody to CMV detected, which may indicate a current or past CMV infection.</td>
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| 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: 86644

Test Performed:
Tuesday and Thursday
Excellence in Pathology and Laboratory Services

Turnaround time:
1-4 days

Ordering:
| CMVG | Cytomegalovirus IgG |

REFERENCES:
Bio-Rad CMV IgG Test Instruction Manual

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