

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for Measles (Rubeola) IgG

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This change will take effect March 12, 2009

Overview and Clinical Utility:

Effective March 12, 2009, PathGroup Labs will begin performing Measles IgG testing in house.

Test Methodology:

Measles (Rubeola) IgG is for the semi-quantitative detection of human IgG antibodies to measles virus in human serum by enzyme immunoassay. Individual serum specimens may be used for the determination of immune status. Paired (acute/convalescent) sera may be used to demonstrate seroconversion or significant rises in antibody level, as an aid in the diagnosis of primary infection.

Measles IgG:

New Test:

Previous Test:

Methodology: Semi-Quantitative EIA	Methodology: Semi-Quantitative ELISA
< 0.90: Negative- No significant level of detectable Measles (Rubeola) IgG antibody. Presumed non-immune to Measles infection.	0.89 IV or less: Negative - No significant level of detectable measles (Rubeola) IgG 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 antibody to Measles (Rubeola) detected which may indicate a current or past exposure/immunization to Measles (Rubeola). Positive IgG antibody levels in the absence of current clinical symptoms may indicate immunity.	1.10 IV or greater: Positive - IgG antibody to measles (Rubeola) detected, which may indicate a current or past exposure/immunization to measles (Rubeola). Positive IgG antibody levels in the absence of current clinical symptoms may indicate immunity.
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.
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: 86785



Excellence in Pathology and Laboratory Services

Test Performed:

Tuesday and Thursday

Turnaround time:

1-4 days

Ordering:

MEASG	Measles (Rubeola) Antibody IgG
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REFERENCES:

Bio-Rad Measles IgG Test Instruction Manual

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