

TEST CHANGE

Measles (Rubeola) Antibodies, IgG and IgM ~~(Test on Referral as of 08/12/25)~~

0050375, MEASLE PAN

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP **standard transport tube**. ~~Standard Transport Tube~~. (Min: 0. ~~5~~ mL) Parallel testing is preferred and convalescent specimens ~~must~~ **be** received within 30 days from receipt of the acute specimens. ~~Mark~~ specimens plainly as "acute" or "convalescent".

Transport Temperature: Refrigerated.

Unacceptable Conditions: Refer to individual components.

Remarks:

Stability: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 ~~month~~ **year** (avoid repeated freeze/thaw cycles)

Methodology: ~~Semi-Quantitative Enzyme-Linked Immunosorbent Assay~~ Semi-Quantitative Chemiluminescent Immunoassay (CLIA) / **Semi-Quantitative Indirect Fluorescent Antibody (IFA)**

Performed: Mon, Wed, Fri

Reported: 1-6 days

Note:

CPT Codes: 86765 x2

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Component	Interpretation
Measles (Rubeola) Antibody, IgG	13.4 AU/mL or less: Negative - No significant level of detectable measles (rubeola) IgG antibody. 13.5-16.4 AU/mL: Equivocal - Repeat testing in 10-14 days

	<p>may be helpful. 16.5 AU/mL or greater: Positive - IgG antibody to measles (rubeola) detected, which may indicate a current or past exposure/immunization to measles (rubeola).</p>	
Measles (Rubeola) Antibody, IgM	<p><u>Less than 1:10</u> 0.79 AU or less: Negative. No evidence of significant level of recent infection. False-negative results are possible if the specimen was collected too soon after exposure. <u>Molecular IgM antibodies to measles (rubeola)-virus detected. 0.80-1.20 AU: Equivocal—Repeat testing in 10-14 days may be helpful. 1:10-21 AU or greater: Positive. Indicative—IgM antibodies to measles (rubeola)-virus detected. Suggestive of recent primary measles current or recent infection or immunization. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection. False positive results are possible or immunization.</u></p>	

Reference Interval:

Test Number	Components	Reference Interval
	Measles, Rubeola, Antibody IgM	<u>Less than 1:10</u> 0.79 AU or less