

TEST CHANGE

Measles (Rubeola) Antibody, IgM **by IFA** ~~(Test on Referral as of 08/12/25)~~
0099597, MEASLES M

Specimen Requirements:

Patient Preparation:

Collect: Serum separator tube.

Specimen Preparation: Separate serum from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum to an ARUP **standard transport tube** ~~Standard Transport Tube~~. (Min: 0.31 mL) Parallel testing is preferred and convalescent specimens **must** ~~be~~ be received within 30 days from receipt of the acute specimens. ~~Mark~~ Mark specimens plainly as "acute" or "convalescent" ~~..~~.

Transport Temperature: Refrigerated.

Unacceptable Conditions: Bacterially contaminated, heat-inactivated, hemolyzed, icteric, lipemic, or turbid specimens.

Remarks:

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

Methodology: Semi-Quantitative **Indirect Fluorescent Antibody (IFA)** ~~Enzyme-Linked Immunosorbent Assay (ELISA)~~

Performed: Mon-Fri

Reported: 1-5 days

Note:

CPT Codes: 86765

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

Interpretive Data:

Result	Interpretation
Less than 1:10	Negative: No evidence of recent infection. False-negative results are possible if the

Inserted Cells

Inserted Cells



		specimen was collected too soon after exposure. Molecular testing may be helpful.	
	1:10 or greater	Positive: Indicative of recent primary measles infection. False-positive results are possible.	

Reference Interval:

Test Number	Components	Reference Interval
	Measles, Rubeola, Antibody IgM 0.79 AU or less: Negative - No significant level of IgM antibodies to measles (rubeola) virus detected. 0.80-1.20 AU: Equivocal - Repeat testing in 10-14 days may be helpful. 1.21 AU or greater: Positive - IgM antibodies to measles (rubeola) virus detected. Suggestive of current or recent infection or immunization. However, low levels of IgM antibodies may occasionally persist for more than 12 months post-infection or immunization.	Less than 1:10

Inserted Cells

Inserted Cells