
Lab Dept: Serology

Test Name: RUBEOLA ANTIBODIES, IGG & IGM

General Information

Lab Order Codes: RUBO

Synonyms: Rubeola IgG & IgM Antibodies

CPT Codes: 86765 x2- Antibody; rubeola

Test Includes: Rubeola IgG and IgM Antibodies

Logistics

Test Indications: IgG: To determine immunity to measles (rubeola) virus.

IgM: Demonstrate acute infection with measles virus; differential diagnosis of a pregnant female exposed to or presenting with a rash.

Lab Testing Sections: Serology - Sendouts

Referred to: LabCorp/Viromed (Test# 096560 & 160218)

Phone Numbers:

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 3 days

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Red top tube

Draw Volume: 6.0 mL (Minimum: 1.5 mL) blood

Processed Volume: 2.0 mL (Minimum: 0.5 mL) serum

Collection: Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures.

Special Processing: Routine venipuncture

Patient Preparation: None

Sample Rejection: Hemolysis, lipemia, gross bacterial contamination, mislabeled or unlabeled specimens

Interpretive

Reference Range:

IgM:	
Negative:	<0.90 index
IgG:	
Negative:	<0.91
Equivocal:	0.91 - 1.09
Positive:	>1.09

Critical Values: N/A

Limitations: Measles (rubeola) is caused by a paramyxovirus, and despite vaccination programs has had several recent local epidemics. Revaccination appears to be of greater value at 11-12 years of age than at 4-6 years of age. Serologic study can be useful in establishing that an individual has effective immunity subsequent to vaccination. In many individuals, detectable immunity does not persist.

Methodology: Enzyme Immunoassay (EIA)

Contraindications: N/A

References: [LabCorp Web Page](#) January 2007