
Lab Dept: Serology

Test Name: RUBEOLA ANTIBODY, IGG

General Information

Lab Order Codes: RUBG

Synonyms: Rubeola IgG Antibody; Measles Antibody

CPT Codes: 86765 - Antibody; rubeola

Test Includes: Rubeola IgG Antibody

Logistics

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

Lab Testing Sections: Serology - Sendouts

Referred to: LabCorp/Viromed (Test: 096560)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 - 3 days

Special Instructions: Specify specimen as acute or convalescent.

Specimen

Specimen Type: Blood

Container: SST (Gold, marble or red) tube

Draw Volume: 1.5 mL (Minimum: 0.6 mL) blood

Processed Volume: 0.5 mL (Minimum: 0.2 mL) serum

Collection: Routine blood collection

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Specify specimen as acute or convalescent. Acute and convalescent specimens must be submitted on separate request forms. Store and ship at refrigerated temperatures.

Note: The specimen is stable for 2 days at room temperature and 9 days refrigerated. For storage longer than 9 days, the specimen should be frozen.

Patient Preparation: None

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

Interpretive

Reference Range:

Negative:	<25.0 AU/mL
Equivocal:	25.0 – 29.9 AU/mL
Positive:	>29.9 AU/mL

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: Chemiluminescent Immunoassay (CLIA)

References: [LabCorp Web Page](#) February 2018

Updates: 10/29/2014: Updated reference range and method.
2/2/2018: Collection container update.