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

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<tr>
<th><strong>Reference Range</strong></th>
<th><strong>IgM:</strong></th>
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<tbody>
<tr>
<td>Negative</td>
<td>&lt;0.90 index</td>
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<tr>
<th><strong>IgG:</strong></th>
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<tr>
<td>Negative</td>
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<tr>
<td>Equivocal</td>
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<td>Positive</td>
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**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](http://www.labcorp.com) January 2007