



North Carolina Department of Health and Human Services  
NC State Laboratory of Public Health (NCSLPH)

## Rubella Serology

ANALYTES TESTED: Rubella virus antibody (IgG) – Immune status  
Rubella Virus antibody (IgM) – Current or recent infection

CPT Code: 86762

METHODOLOGY: Trinity Biotech Captia™ Rubella IgG Enzyme Immunoassay (EIA)  
Trinity Biotech Captia™ Rubella IgM Enzyme Immunoassay (EIA)

### USE OF TEST:

- Determination of immune status for rubella infection by detection of IgG antibody to rubella virus
- Determination of current or recent rubella infection by detection of rubella IgM antibody

### AUTHORIZED SUBMITTERS:

- Rubella IgG Test - Local Health Departments
- Rubella IgM Test – All health care providers (report all suspect or probable cases to Communicable Disease Branch at (919)733-3419 for approval for testing)

### IMMUNE STATUS TESTING CRITERIA:

- Prenatal patients with no documented vaccination or previous immune status testing
- Patients or health department employees when vaccination is contraindicated (e.g., pregnancy, immunosuppression, or allergy to vaccine components).

**Reason for contraindication must be noted on request form.**

SPECIMEN TYPE: Serum (minimum 2 mL)

REJECT CRITERIA: Grossly hemolyzed, lipemic, or icteric serum

SERUM TRANSPORT TUBES: Order from NCSLPH mailroom

SUBMISSION FORMS: Rubella Immune Status Testing **DHHS-1188**  
Rubella IgM Testing **DHHS-3445**

*Submission forms are available on the NCSLPH website*

SHIPMENT: Blue-colored specimen mailers (SPECIAL SEROLOGY)  
Ship at ambient temperature

Note: Refer to "**Packing Instructions Using Outer Baggie**"  
*found under "Documents" on the Forms web page*

SPECIMEN STABILITY: 2 days room temperature  
5 days refrigerated

REFERENCE RANGES: Rubella IgG Positive  
Rubella IgM Negative

TURN-AROUND TIME: 2 working days – Rubella IgG  
1 working day – Rubella IgM

LABORATORY/CONTACT NUMBER: Virology/Serology – Serology Laboratory  
919-733-3937

Please refer to "**SCOPE Guide to Services**" for more information.