



Excellence in Pathology Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Methodology change for Rubella IgG

Samuel Smith, MD Lab Director / Jeff Johnson, Clinical Operations Manager

This change will take effect January 31, 2011

Overview and Clinical Utility:

Effective January 31, 2011, PathGroup Labs will begin performing Rubella IgG antibody testing on the BioPlex 2200. Rubella IgG (German measles) is a viral infection with worldwide distribution. Vaccination efficiency can be determined by detection of Rubella IgG following immunization. A positive result indicates exposure or immunization to the respective antigen.

Test Methodology:

The BioPlex 2200 Rubella IgG assay is a multiplex flow immunoassay intended for the quantitative detection of IgG antibodies to Rubella in human serum.

Ordering:

Test code:	Test:	CPT:	LOINC:
RUBEL	Rubella IgG	86762	8014-3

Rubella IgG:

New Methodology: Multiplex Flow Immunoassay	Previous Methodology: Enzyme Immunoassay
≤ 7 IU/mL – Negative 8 - 9 IU/mL – Equivocal ≥ 10 IU/mL - Positive	<10 IU/mL – Negative ≥ 10 - < 15 IU/mL – Equivocal ≥ 15 IU/mL – Positive

Specimen Collection and Storage:

- 1) Collect specimen in a serum separator tube.
 - a) Allow serum tube to clot for 30 minutes.
 - b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
- 2) Serum specimens are stable refrigerated for 7 days or frozen for 30 days.

Test Performed:

Monday - Friday

Turnaround time:

1-2 days

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.