

Rheumatoid Factor with Reflex to Titer: Change to Assay

Date: November 22nd, 2021

Effective Date: November 19th, 2021

The current latex agglutination assay used for the qualitative and semi-quantitative determination of Rheumatoid Factor (RF) in human serum and plasma has been discontinued by the manufacturer.

A new latex agglutination assay will be performed for RF in serum only. As before, titers will be expressed in International Units per mL (IU/mL) calibrated against the WHO International Reference Preparation of Rheumatoid Arthritis Serum. The new assay has greater analytical sensitivity than the previous assay.

Test name: Rheumatoid Factor with Reflex to Titer

Test code: RFS

Sample type: Serum

Analytical sensitivity: 8 IU/mL

Positive Titer: from 8 to 4,096 IU/mL (previously, from 10 to 5,120 IU/mL)

Turn-around-time: 1 – 3 days

For questions or additional information, please contact Lindsay Ryan (Serology supervisor, lindsay_ryan-muntz@URMC.Rochester.edu) or Andrew Cameron, PhD.

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