
Lab Dept: Chemistry

Test Name: RHEUMATOID FACTOR, QUANTITATIVE

General Information

Lab Order Codes: RA

Synonyms: RF; RA, Rheumatoid Arthritis Factor

CPT Codes: 86431– Rheumatoid factor; quantitative

Test Includes: Rheumatoid factor concentration reported in IU/mL.

Logistics

Test Indications: Rheumatoid factor quantitates autoantibodies directed against IgG immunoglobulins and are members of a class of proteins that become elevated in inflammatory states. RA is most sensitive for monitoring the level of inflammation associated with rheumatoid arthritis.

Lab Testing Sections: Chemistry (all specimens analyzed on the Mpls campus)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Green top (Li Heparin) top tube (preferred)
Alternate: Red top (plain, no gel) tube

Draw Volume: 0.6 mL blood

Processed Volume: 0.2 mL serum

Collection: Routine collection

Special Processing:	Lab Staff: Centrifuge specimen, remove plasma/serum aliquot into a plastic sample cup. Specimens can be stored refrigerated for 7 days or frozen for 3 months. Centrifuge turbid or particulate samples prior to analysis.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimen; turbid samples that do not clear after centrifugation

Interpretive

Reference Range:	<15 IU/mL
Critical Values:	N/A
Limitations:	N/A
Methodology:	Nephelometry, Siemens Dimension Vista 500
References:	Tietz, NW, Textbook of Clinical Chemistry (1999) WB Saunders Co., Philadelphia, PA, pp 42-50, pp 507-512 Siemens Dimension Vista RF Flex Insert P/N K7068G00E0803, Rev 3/2011
Updates:	4/29/2014: Plasma added as preferred specimen type.