



Labsmart Software Sample Letterhead

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Age / Sex : 28 YRS / M
Referred by : Dr. Sachin Patil (MBBS)
Reg. no. : 1087



1087

Registered on : 18/11/2024 04:46 PM
Collected on : 18/11/2024
Received on : 18/11/2024
Reported on : 18/11/2024 04:46 PM

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**SEROLOGY & IMMUNOLOGY**

TEST	VALUE	UNIT	REFERENCE
RHEUMATOID FACTOR, RA (QUANTITATIVE)	18	IU/mL	0 - 20

Physiologic Basis

Rheumatoid factor (RF) consists of heterogeneous autoantibodies usually of the IgM class that react against the Fc region of human IgG. Most methods detect only IgM-class RF.

Interpretation

Positive in: Rheumatoid arthritis (75–90%), Sjögren syndrome (80–90%), scleroderma, dermatomyositis, SLE (30%), sarcoidosis, Waldenström macroglobulinemia, chronic infection.

Drugs: methyldopa, others.

Low-titers of RF (eg, $\leq 1:80$) are questionable and can be found in healthy older patients (20%), in 1–4% of normal individuals, and in a variety of acute immune responses (eg, viral infections, including infectious mononucleosis and viral hepatitis), chronic bacterial infections (tuberculosis, leprosy, subacute infective endocarditis), and chronic active hepatitis.

Comments

Rheumatoid factor can be useful in differentiating rheumatoid arthritis from other chronic inflammatory arthritides. However, a positive RF test is only one of several criteria needed to make the diagnosis of rheumatoid arthritis.

RF must be ordered selectively because its predictive value is low (34%) if it is used as a screening test. The test has poor positive predictive value because of its lack of specificity. The subset of patients with seronegative rheumatic disease limits its sensitivity and negative predictive value.

~~~ End of report ~~~

Mr. Sachin Sharma  
DMLT, Lab Incharge

Dr. A. K. Asthana  
MBBS, MD Pathologist

NOT VALID FOR MEDICO LEGAL PURPOSE

Work timings: Monday to Sunday, 8 am to 8 pm

Please correlate clinically. Although the test results are checked thoroughly, in case of any unexpected test results which could be due to machine error or typing error or any other reason please contact the lab immediately for a free evaluation.