

Patient Name : Demo Patient Name
Age / Sex : 77 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 07:40
Patient ID : UHID.DEMO.001

Total IgM				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 08:02	Received On: 21-Jan-25 12:01	Approved On: 21-Jan-25 18:04
Observation	Result	Unit	Biological Ref. Interval	Method
Immunoglobulin-M (IgM)	2185	mg/dL	40-230	Immunoturbidimetry

Test value has been obtained after 6x dilution of sample.

Clinical Significance of Total IgM:

- The human immunoglobulins (IgG, IgA, IgM, IgE and IgD) are a group of functionally and structurally closely related glycoproteins. IgM is produced by plasma cells (B -cells) and represents about 5% of all soluble immunoglobulins. It is the first specific antibody to appear in serum after infection which is capable of activating complement and killing bacteria.
- Post infection IgM returns rapidly to normal levels as compared to IgG. If IgM is prevalent, the infection is acute whereas if IgG predominates, the infection is chronic.
- Polyclonal IgM increases in viral, bacterial and parasitic infections, liver diseases, rheumatoid arthritis, scleroderma, nephrotic syndrome, collagen vascular disease and other chronic disorders.
- Monoclonal IgM increases in Waldenstroms macroglobulinemia.
- Decreased IgM levels are seen in protein losing enteropathies, skin burns, congenital and acquired immunodeficiency diseases.

Sample Type: Serum

Technology: VITROS MicroTip, MicroSensor & Intellichex

Analyzer: Fully Automated Biochemistry and Immunology Analyzer : VITROS 5600

Advise: Please correlate results with clinical conditions



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

