

Patient Name :
 DOB/Age/Gender : Bill Date :
 Patient ID / UHID : Sample Collected :
 Referred By : Sample Received :
 Sample Type : Report Date :
 Barcode No : Report Status :

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY REPORT

Immunoglobulin M (IgM)

IMMUNOGLOBULIN IgM, SERUM Method : Immunoturbidimetric	233.4	mg/dL	0 - 145
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Interpretation:

Comments

IgM is the largest immunoglobulin molecule that makes 6% of the total 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 increase is seen in viral, bacterial and parasitic infections, Liver diseases, Rheumatoid arthritis, Scleroderma, Cystic fibrosis & heroin addiction. Monoclonal IgM increase is seen in Waldenstroms macroglobulinemia. Decreased synthesis of IgM is found in Congenital and Acquired Immunodeficiency diseases. Decreased IgM levels are seen in Protein losing enteropathies and skin burns.



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