

Patient Name : Demo Patient Name
Age / Sex : 25 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 11:55
Patient ID : UHID.DEMO.001

Total IgG				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 11:55	Received On: 21-Jan-25 18:50	Approved On: 21-Jan-25 19:37
Observation	Result	Unit	Biological Ref. Interval	Method
Immunoglobulin-G (IgG)	1592.53	mg/dL	700-1600	Turbidity

Clinical Significance of Immunoglobulin-G (IgG):
Immunoglobulin is a humoral antibody consisting of two light and two heavy chains in the molecule. Approximately 80% of serum immunoglobulins is IgG. Its major function is neutralization of toxin in tissues spaces. Antibodies of the IgG class are produced in response to most bacteria and viruses. IgG is the only immunoglobulin that can cross the placental barrier and provide passive immune protection for fetus and new born till about 6 month. Increased levels may be seen in SLE, chronic liver diseases, infectious diseases and cystic fibrosis. Monoclonal IgG increases in IgG myeloma. Decreased synthesis of IgG is found in congenital/ acquired immunodeficiencies and in selective subclass deficiency such as bruton type agammaglobulinemia. Decreased IgG concentrations are seen in protein-losing enteropathies, nephrotic syndrome and in skin burns.

Sample Type: Serum
Technology: VITROS MicroTip, MicroSensor & Intellicheck)
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.

