

Patient Name : Demo Patient Name
Age / Sex : 11 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 12-Aug-25 09:20
Patient ID : UHID.DEMO.001

Insulin-Like Growth Factor-1

Accession No: DEMO_BARCODE Collected On: 12-Aug-25 09:20 Received On: 12-Aug-25 16:00 Approved On: 12-Aug-25 18:39

Observation	Result	Unit	Biological Ref. Interval	Method
IGF-I	199.7	ng/mL	37-459	CLIA

Clinical Significance: Insulin-like growth factor 1 (IGF1) is a 70-amino acid polypeptide produced by liver. IGF1 is the major mediator of the anabolic and growth-promoting effects of growth hormone (GH). Unlike GH secretion, which is pulsatile and has short half-life, IGF1 level shows only minor fluctuations and has longer half-life, therefore provides an integrated estimate of GH production. It is also a more sensitive measure of GH excess in Acromegaly.

Increased Levels are commonly seen in: Acromegaly, Gigantism.

Decreased Levels are commonly seen in: Hypopituitarism, Isolated growth hormone deficiency, Laron dwarfism, Undernutrition, Hypothyroidism, Anorexia, Liver Cirrhosis.

Advise: Please correlate results clinically.



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.

