

Patient Name : Demo Patient Name
Age / Sex : 51 Y / M
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 17-Jan-25 09:14
Patient ID : UHID.DEMO.001

Lipoprotein (A)

Serum Sample

Accession No: DEMO_BARCODE Collected On: 17-Jan-25 09:14 Received On: 17-Jan-25 14:46 Approved On: 17-Jan-25 18:45

Observation	Result	Unit	Biological Ref. Interval	Method
Lipoprotein (A)	150.58	mg/dL	<30	Immunoturbidimetry

Test value has been obtained after 2x dilution of sample.

High test value, kindly correlate clinically and follow up with fresh sample.

Biological Reference Range- Recommended by Lipid Association of India (2016):

- <20 mg/dL : Low Risk
- 20-30 mg/dL : Moderate Risk
- >30 mg/dL : High Risk

Clinical Significance

Lipoprotein (a) or Lp (a), a genetic mutant of a low density lipoprotein (LDL) consists of two different components, the apolipoprotein b-100 which is a component of LDL and a glycoprotein, the apolipoprotein (a) or Apo (a). Apo(a) is structurally homologous to plasminogen and hence has a relationship with atherosclerosis, and as a consequence competitively inhibits the action of plasminogen, triggering atherogenic effects. Lp(a) is also a risk factor for assessment of risk cardiovascular disease (CHD) which is independent of cholesterol. The atherogenic risk increases if Lp(a) levels is more than 30 mg/dL, especially if LDL is also elevated. Lp(a) is therefore one of the best discriminators of atherosclerosis and myocardial infarction. The concentration of Lp(a) is not influenced by diet or lipid-depressant drugs, hence elevated levels are of significance in patient management.

Remarks: 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.

