

LPL - PRODUCTION TEST COLLECTION
CENTRE
SECTOR - 18, BLOCK-E ROHINI
DELHI 110085

Name : DUMMY
Lab No. : DUMMYB206 Age: 25 Years Gender: Male
A/c Status : P Ref By : DR. DUMMY DUMMY
Collected : 29/5/2021 1:37:00AM
Received : 29/5/2021 4:26:55PM
Reported : 1/6/2021 1:43:22PM
Report Status : Final

Test Name	Results	Units	Bio. Ref. Interval
APOLIPOPROTEIN B (Apo B) (Immunoturbidimetry)	22.00	mg/dL	46 - 174

Comments

One Apolipoprotein B (Apo B) molecule is present on each LDL, IDL, VLDL and Lp(a) particle and therefore Apo B concentration reflects the total number of atherogenic particle in circulation. Apo B is particularly useful in identifying individuals who have an increased number of small, dense LDL (eg, Diabetes, Metabolic Syndrome etc.) but normal LDL cholesterol concentration and are at increased risk of for Atherosclerotic Cardiovascular disease (ASCVD).

Lipid Association of India (2020) recommends measuring Apo B under following conditions:

- To assess ASCVD risk in patients with
 - Diabetes,
 - Metabolic syndrome,
 - Obesity,
 - High triglyceride concentration
 - Very low LDL-C levels
- In low and Moderate ASCVD risk group: Apo B is moderate non-conventional risk factor (a level ≥ 110 mg/dL of Apo B corresponds to an LDL-C ≥ 130 mg/dL)
- In high ASCVD risk subjects, after LDL-C and Non-HDL-C goals have been achieved. Discordant elevated Apo B levels may identify individuals who have high residual cholesterol risk. This may warrant intensive statin therapy and use of non-statin drugs
- For diagnosis of Type III Hyperlipoproteinemia

Treatment Goal Recommended by Lipid Association of India (2020)

Risk Category	LDL-C Goal (mg/dL)	Non HDL-C Goal (mg/dL)	Apo-B Goal (mg/dL)
High Risk	<70	<100	<80
Very High Risk	<50	<80	<65
Extreme Risk (Category A)	<50	<80	<65
Extreme Risk (Category B)	<30	<60	<50

* Not in NABL scope



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Dr Himangshu Mazumdar MD, Biochemistry Senior Consultant - Clinical Chemistry & Biochemical Genetics NRL - Dr Lal PathLabs Ltd	Dr. Kamal Modi MD, Biochemistry Consultant Biochemist NRL - Dr Lal PathLabs Ltd	Dr Nimmi Kansal MD, Biochemistry National Head - Clinical Chemistry & Biochemical Genetics NRL - Dr Lal PathLabs Ltd	

-----End of report -----

IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory.
 *Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.
 (#) Sample drawn from outside source.

* Not in NABL scope

