LABORATORY REPORT

Redcliffe labs

Patient Name	: **Ms Dummy**		
DOB/Age/Gender	: 43 Y/Female	Bill Date	: Feb 16, 2024, 08:41 PM
Patient ID / UHID	: XXX	Sample Collected	: Feb 18, 2024, 07:43 AM
Referred By	: Dr.	Sample Received	: Feb 18, 2024, 12:07 PM
Sample Type	: Serum	Report Date	: Feb 18, 2024, 02:02 PM
Barcode No	: XXX	Report Status	: Final Report

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

BIOCHEMISTRY REPORT

Lipoprotein (A)

Lipoprotein A	13.8	mg/dL	up to 30

Method : Tina-quant

Interpretation:

Note: Lp(a) is considered an important risk factor for CHD especially among Indians as Indians tend to have high prevalence of elevated levels of Lp(a)

Lp(a) in mg/dL (As per Lipid Association of India 2016)	**REMARKS**
<30	Low risk
30-49	Moderate Risk
>= 50	High risk

Comments:

Lipoprotein (a) [Lp(a)] consists of an LDL particle that is covalently bound to an additional protein, apolipoprotein (a) [Apo(a)]. Apo(a) has high-sequence homology with the coagulation factor plasminogen and, like LDL, Lp(a) contains apolipoprotein B100 (ApoB). Thus, Lp(a) is both proatherogenic and prothrombotic. Lp(a) is an independent risk factor for Coronary Heart Disease (CHD), Ischemic Stroke, and Aortic Valve Stenosis. Lp(a) is highly heterogenous molecule; the degree of atherogenicity of the Lp(a) particle may depend on the molecular size of the Lp(a)-specific protein. Serum concentrations of Lp(a) are related to genetic factors, and are largely unaffected by diet, exercise and lipid -lowering pharmaceuticals. However, in a patient with additional modifiable CHD risk factors, more aggressive therapy to normalize these factors may be indicated if the Lp(a) value is also increased.

Usage

Evaluation of increased risk for cardiovascular disease and events:

· In individuals at intermediate risk for cardiovascular disease

· In patients with early atherosclerosis or

· In patients with strong family history of early CHD

Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.

Sohini Sengupta

Dr. Sohini Sengupta
MD (Cl Biochemistry), DNB,
FNB (Lab Medicine)
Medical Laboratory Director
HOD (Biochemistry & Special Assays)