

Patient Name : Mr MR.DUMMY	Sample Collected : Apr 26, 2024, 01:00 PM.
DOB/Age/Gender : 23 Y/Male	Report Date : May 09, 2024,01:12 PM.
Patient ID / UHID : 8052484/RCL7248928	Barcode No : ZC665923
Referred By : Dr. X	Report Status : Final Report
Sample Type : Serum	

Lipoprotein Electrophoresis

Beta Lipoproteins	41.1	%	38.6-69.4
Pre beta Lipoproteins	31.5	%	4.4-23.1
Alpha Lipoproteins	27.4	%	22.3-53.3
Chylomicrons	27.4		Absent
Lipoprotein (a) band	See Comment		Absent

Comments :

On electrophoresis no band seen for Lp(a) however serum Lp(a) quantification performed-49.46 mg/dl (normal range:- 0 - 30 mg/dl) Kindly correlate clinically

Lipid Fractions on Electrophoretic mobility	Corresponding Lipid Fractions on ultracentrifuge	Corresponding Fractions with protein electrophoresis
Chylomicrons	-	At application point
Beta	LDL	Beta 2 globulin position
Pre-beta	VLDL	Beta 1 globulin position
Fast pre-beta	Lp(a)	Between alpha2 & beta 1 position
alpha	HDL	Alpha 2 globulin position

Type	Elevated lipid fractions	Associated clinical disorders	Serum Total Cholesterol (mg/dl)	Serum Total Triglyceride(mg/dl)
I	Chylomicrons (milky serum)	Lipoprotein lipase & apolipoprotein C-II deficiency	N	++ (200-400)
Ila	LDL (clear serum)	Familial hypercholesterolemia, nephrosis, hypothyroidism, familial hyperlipidemia	++ (300-1000)	N
Ilb	LDL, VLDL	FamilialHyperlipidemia	++ (280-350)	+ (200-500)
III	IDL (clear to slightly turbid serum)	Dysbetalipoproteinemia	+ (300-500)	+ (200-900)
IV	VLDL (turbid serum)	Familial hypertriglyceridemia &combined hyperlipidemia, diabetes.	N/+ (300-500)	++ (200-1000)



Dr. Dummy



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

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All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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V	Chylomicrons, VLDL (milky serum)	Diabetes.	+ (300-500) ++ (200-400)

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



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