

Name : SUGANDH SRIVASTAVA

Lab No. : 192495914

Ref By : DR RAKESH TIWARI Collected : 16/5/2025 8:21:00AM

A/c Status : P

Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:35AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name Results Units Bio. Ref. Interval

SWASTHFIT DIABETES & HEART CHECK COMPLETE

SUGAR CHOICE, PLASMA (Spectrophotometry)

Glucose, Fasting 91.20 mg/dL





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Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

: 24 Years Gender : Male

Reported : 17/5/2025 11:25:39AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
LIVER & KIDNEY PANEL, SERUM (Spectrophotometry, Indirect ISE)			
Creatinine	0.68	mg/dL	0.67 - 1.17
GFR Estimated	133	mL/min/1.73m2	>59
GFR Category	G1		
Urea	19.43	mg/dL	10.00 - 45.00
Urea Nitrogen Blood	9.07	mg/dL	5.00 - 21.00
BUN/Creatinine Ratio	13		
Uric Acid	4.71	mg/dL	3.50 - 7.20
AST (SGOT)	18.9	U/L	<50
ALT (SGPT)	19.8	U/L	<50
AST:ALT Ratio	0.95		<1.00
GGTP	9.8	U/L	<55
Alkaline Phosphatase (ALP)	75.30	U/L	30 - 120
Bilirubin Total	0.74	mg/dL	0.30 - 1.20
Bilirubin Direct	0.21	mg/dL	0.00 - 0.40
Bilirubin Indirect	0.53	mg/dL	<1.10
Total Protein	7.23	g/dL	6.40 - 8.30
Albumin	4.68	g/dL	3.50 - 5.20
Globulin(Calculated)	2.55	gm/dL	2.0 - 3.5
A : G Ratio	1.84		0.90 - 2.00



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Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name Calcium, Total	Results 9.92	Units mg/dL	Bio. Ref. Interval 8.80 - 10.60
Phosphorus	3.26	mg/dL	2.40 - 4.40
Sodium	141.30	mEq/L	136.00 - 145.00
Potassium	4.33	mEq/L	3.50 - 5.10
Chloride	106.36	mEq/L	98.00 - 107.00

Note

- 1. Estimated GFR (eGFR) calculated using the 2021 CKD-EPI creatinine equation and GFR Category reported as per KDIGO guideline 2012.
- eGFR category G1 or G2 does not fulfil the criteria for CKD, in the absence of evidence of kidney damage
- 3. The BUN-to-creatinine ratio is used to differentiate prerenal and postrenal azotemia from renal azotemia. Because of considerable variability, it should be used only as a rough guide. Normally, the BUN/creatinine ratio is about 10:1





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Test Name

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Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:42AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Units

Rikub Ganj ,Faizabad UP 224001

Bio. Ref. Interval

Test Report

Results

Photometry, Electrical Impedance, Optical/Impedance & Calculated) Hemoglobin	l est Name	Results	Units	Bio. Ret. Interva
Packed Cell Volume (PCV) 46.10 46.10 6.21 7.21 7.22 7.22 7.22 7.23 7.24 7.25 7.	COMPLETE BLOOD COUNT;CBC (Photometry,Electrical Impedance, Optical/Imped	ance & Calculated)		
RBC Count 5.21 mill/mm3 4.50 - 5.50 MCV 88.50 fL 83.00 - 101.00 Mentzer Index 17.0 MCH 28.70 pg 27.00 - 32.00 MCHC 32.40 g/dL 31.50 - 34.50 Red Cell Distribution Width (RDW) 14.10 % 11.60 - 14.00 Fotal Leukocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 Lymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Eosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00 Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 1.00 - 3.00 Monocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Hemoglobin	14.95	g/dL	13.00 - 17.00
MCV 88.50 fL 83.00 - 101.00 Mentzer Index 17.0 MCH 28.70 pg 27.00 - 32.00 MCHC 32.40 g/dL 31.50 - 34.50 MCHC 32.40 g/dL 31.50 - 34.50 Total Leukocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 Lymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Basophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00 Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 1.00 - 3.00 Lymphocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Packed Cell Volume (PCV)	46.10	%	40.00 - 50.00
Mentzer Index 17.0 MCH 28.70 pg 27.00 - 32.00 MCHC 32.40 g/dL 31.50 - 34.50 Red Cell Distribution Width (RDW) 14.10 % 11.60 - 14.00 Differential Leucocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 ymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Basophils 0.20 % 4bsolute Leucocyte Count Neutrophils 2.95 thou/mm3 1.00 - 3.00 Monocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 40.00 - 3.00 Monocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 40.00 - 3.00 Monocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 40.00 - 4.00 40.	RBC Count	5.21	mill/mm3	4.50 - 5.50
MCH 28.70 pg 27.00 - 32.00 MCHC 32.40 g/dL 31.50 - 34.50 Red Cell Distribution Width (RDW) 14.10 % 11.60 - 14.00 Total Leukocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 Lymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Ecosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00 Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 2.00 - 7.00 Lymphocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	MCV	88.50	fL	83.00 - 101.00
MCHC 32.40 g/dL 31.50 - 34.50 Red Cell Distribution Width (RDW) 14.10 % 11.60 - 14.00 Total Leukocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 Lymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Eosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00 Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 2.00 - 7.00 Lymphocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Mentzer Index	17.0		
Red Cell Distribution Width (RDW)	MCH	28.70	pg	27.00 - 32.00
Total Leukocyte Count (TLC) 5.32 thou/mm3 4.00 - 10.00 Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00	MCHC	32.40	g/dL	31.50 - 34.50
Differential Leucocyte Count (DLC) Segmented Neutrophils 55.49 % 40.00 - 80.00 _ymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Eosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00 Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 2.00 - 7.00 _ymphocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Red Cell Distribution Width (RDW)	14.10	%	11.60 - 14.00
Segmented Neutrophils 55.49 % 40.00 - 80.00 Lymphocytes 32.73 % 20.00 - 40.00 Monocytes 8.34 % 2.00 - 10.00 Eosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00	Total Leukocyte Count (TLC)	5.32	thou/mm3	4.00 - 10.00
20.00 - 40.00 20.00 - 40.00 20.00 - 40.00 20.00 - 40.00 20.00 - 10.00 20.00 - 10.00 20.00 - 10.00 20.00 - 10.00 20.00 - 6.00 20.00	Differential Leucocyte Count (DLC)			
Monocytes 8.34 % 2.00 - 10.00 Eosinophils 3.24 % 1.00 - 6.00 Basophils 0.20 % <2.00	Segmented Neutrophils	55.49	%	40.00 - 80.00
3.24	Lymphocytes	32.73	%	20.00 - 40.00
Sasophils 0.20 % <2.00	Monocytes	8.34	%	2.00 - 10.00
Absolute Leucocyte Count Neutrophils 2.95 thou/mm3 2.00 - 7.00 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Eosinophils	3.24	%	1.00 - 6.00
Neutrophils 2.95 thou/mm3 2.00 - 7.00 _ymphocytes 1.74 thou/mm3 1.00 - 3.00 Monocytes 0.44 thou/mm3 0.20 - 1.00	Basophils	0.20	%	<2.00
_ymphocytes	Absolute Leucocyte Count			
Monocytes 0.44 thou/mm3 0.20 - 1.00	Neutrophils	2.95	thou/mm3	2.00 - 7.00
	Lymphocytes	1.74	thou/mm3	1.00 - 3.00
Eosinophils 0.17 thou/mm3 0.02 - 0.50	Monocytes	0.44	thou/mm3	0.20 - 1.00
	Eosinophils	0.17	thou/mm3	0.02 - 0.50
Page 4 of 16				Page 4 of 40



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Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:42AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
Basophils	0.01	thou/mm3	0.02 - 0.10
Platelet Count	157	thou/mm3	150.00 - 410.00
Mean Platelet Volume	11.8	fL	6.5 - 12.0

Comment

In anaemic conditions Mentzer index is used to differentiate Iron Deficiency Anaemia from Beta- Thalassemia trait. If Mentzer Index value is >13, there is probability of Iron Deficiency Anaemia. A value <13 indicates likelihood of Beta- Thalassemia trait and Hb HPLC is advised to rule out the Thalassemia trait.

Note

- 1. As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
- 2. Test conducted on EDTA whole blood



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Lab No. : 192495914 Age : 24 Years
Ref By : DR RAKESH TIWARI Gender : Male

Collected : 16/5/2025 8:21:00AM Reported : 17/5/2025 11:25:45AM

A/c Status : P

Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Report Status : Interim
Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
HbA1c (GLYCOSYLATED HEMOGLOBIN), BLOO	D		
(HPLC, NGSP certified)			
HbA1c	5.6	%	4.00 - 5.60
Estimated average glucose (eAG)	114	mg/dL	

Interpretation

HbA1c result is suggestive of non diabetic adults (>=18 years)/ well controlled Diabetes in a known Diabetic

Interpretation as per American Diabetes Association (ADA) Guidelines

	Reference Group	Non diabetic adults >=18 years	At risk (Prediabetes)	Diagnosing Diabetes	Therapeutic goals for glycemic control
	HbA1c in %	4.0-5.6	5.7-6.4	>= 6.5	<7.0

Note: Presence of Hemoglobin variants and/or conditions that affect red cell turnover must be considered, particularly when the HbA1C result does not correlate with the patient's blood glucose levels.

FACTORS THAT INTERFERE WITH HbalC MEASUREMENT	FACTORS THAT AFFECT INTERPRETATION OF HBA1C RESULTS
Hemoglobin variants,elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the accuracy of HbAlc measurements	Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g.,recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbAlc test results regardless of the assay method used.Iron deficiency anemia is associated with higher HbAlc



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Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:48AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
GFR (GLOMERULAR FILTRATION RATE), ESTIMATED			
Creatinine, Serum	0.68	mg/dL	0.67 - 1.17
GFR, Estimated	133	mL/min/1.73m2	>59
OFP Ostanza	C1 (Normal or high in CEI	ɔ '	
GFR Category	G1 (Normal or high in GFF	`,	

Note

- GFR, estimated (eGFR) calculated using the 2021 CKD-EPI creatinine equation and GFR Category reported as per KDIGO guideline 2012
- 2. In patients, with eGFR between 45-59 ml/min/1.73 m2 (G3a) and without any marker of kidney damage, it is recommended to measure eGFR with cystatin C for confirmation of CKD.
- 3. eGFR category G1 or G2 does not fulfil the criteria for CKD, in the absence of evidence of kidney damage
- 4. In a suspected case of Acute kidney injury (AKI), measurement of GFR should be done after 48-96 hours of any intervention or procedure.
- 5. GFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle mass, Diet and certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C.



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Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:50AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name	Results	Units	Bio. Ref. Interval
VITAMIN B12; CYANOCOBALAMIN, SERUM	144.00	pg/mL	211.00 - 946.00
(FCLIA)			

Notes

- 1. Interpretation of the result should be considered in relation to clinical circumstances.
- It is recommended to consider supplementary testing with plasma Methylmalonic acid (MMA) or
 plasma homocysteine levels to determine biochemical cobalamin deficiency in presence of clinical
 suspicion of deficiency but indeterminate levels. Homocysteine levels are more sensitive but MMA is
 more specific
- 3. False increase in Vitamin B12 levels may be observed in patients with intrinsic factor blocking antibodies, MMA measurement should be considered in such patients
- 4. The concentration of Vitamin B12 obtained with different assay methods cannot be used interchangeably due to differences in assay methods and reagent specificity





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A/c Status

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Tost Namo

: WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

: 24 Years Age : Male Gender

: 17/5/2025 11:25:54AM Reported

Report Status : Interim

: WALK IN - AYODHYA LAB Processed at

Unite

Rikub Ganj ,Faizabad UP 224001

Rio Ref Interval

Test Report

Results

Test Name	Results	Units	Bio. Ref. Interval
URINE EXAMINATION, ROUTINE; URINE, R/E (Automated Strip Test, Microscopy)			
Gross Examination			
Colour	Pale Yellow		Pale yellow
Specific Gravity	1.020		1.001 - 1.030
рН	5.5		5.0 - 8.0
Proteins	Negative		Negative
Glucose	Negative		Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Normal		Normal
Blood	Negative		Negative
Leucocyte Esterase	Negative		Negative
Nitrite	Negative		Negative
Microscopy			
R.B.C.	Negative		0-2 RBC/hpf
Pus Cells	2-3 WBC/HPF		0-5 WBC / hpf
Epithelial Cells	2-3 Epi Cells/hpf		0-5 Epi cells/hpf
Casts	None seen		None seen/Lpf
Crystals	None seen		None seen
Others	None seen		None seen



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A/c Status : F

Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:54AM

Report Status : Interim

Processed at : WALK IN - AYODHYA LAB

Rikub Ganj ,Faizabad UP 224001

Test Report

Test Name Results Units Bio. Ref. Interval

Dr Hariom Gupta MD, Pathology & Bacteriology Consultant Pathologist

Dr Lal PathLabs Ltd

Dr Niketa Sharm MD, Pathology Chief of Lab

Miketa Shows





Name : SUGANDH SRIVASTAVA

Lab No. : 192495914
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A/c Status : P

Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

Age : 24 Years Gender : Male

Reported : 17/5/2025 11:25:58AM

Report Status : Interim

Processed at : Dr. Lal Path labs

Vikas Nagar, Lucknow-226022

Test Report

Test Name	Results	Units	Bio. Ref. Interval
SWASTHFIT DIABETES & HEART CHECK COMPLETE			

MICROALBUMIN/ALBUMIN, 1ST MORNING/ RANDOM (Immunoturbidimetry,Spectrophotom etry)	URINE		
Albumin, Urine	6.00	mg/L	<30
Creatinine, Urine	89.91	mg/dL	24.00 - 392.00
Albumin: Creatinine Ratio (ACR)	<30.00	mg/g creatinine	<30.00
ACR Category	A1 (Normal to mildly increas		

Note

- 1. Due to high biological variability and non-renal influences, ACR>30 mg/g creatinine in a random urine sample should be confirmed with a subsequent early morning urine sample or 24 hours urine sample.
- 2. The diagnosis of albuminuria requires the demonstration of increased albumin loss (either increased albumin creatinine ratio or albumin loss in 24 hrs urine sample) in at least two out of three urine specimens collected in the absence of infection or acute metabolic crisis.
- 3. The term Microalbuminuria is misleading as it implies a small version of albumin molecule rather than an excretion rate of albumin greater than normal but less than that detected by routine method. It is recommended to use term Albuminuria or Albumin Creatinine ratio (ACR) instead of Microalbuminuria.

Non-Renal causes of increased ACR

Menstrual contamination, Uncontrolled Hypertension, Urinary Tract Infection, Heart failure, Strenuous exercise and other transitory illnesses.



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Lab No. : 192495914 Ref By : DR RAKESH TIWARI

Collected : 16/5/2025 8:21:00AM 17/5/2025 11:26:00AM Reported : Interim

A/c Status

Collected at : WALK IN - AYODHYA LAB Processed at : Dr. Lal Path labs

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

: 24 Years

Male

Vikas Nagar, Lucknow-226022

Test Report

Age

Gender

Report Status

Test Name	Results	Units	Bio. Ref. Interval
CARDIO C-REACTIVE PROTEIN (hsCRP), SERUM	0.23	mg/L	<1.00
(Immunoturbidimetry)			

Interpretation

ļ	CARDIO CRP IN mg/L	CARDIOVASCULAR RISK
	<1	Low
	1-3	Average
ļ	3-10	нigh
	>10	Persistent elevation may represent Non cardiovascular inflammation

To assess vascular risk, it is recommended to test hsCRP levels 2 or more weeks apart and Note: calculate the average

Comments

High sensitivity C Reactive Protein (hsCRP) significantly improves cardiovascular risk assessment as it is a strongest predictor of future coronary events. It reveals the risk of future Myocardial infarction and Stroke among healthy men and women, independent of traditional risk factors. It identifies patients at risk of first Myocardial infarction even with low to moderate lipid levels. The risk of recurrent cardiovascular events also correlates well with hsCRP levels. It is a powerful independent risk determinant in the prediction of incident Diabetes.





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Age : 24 Years Gender : Male

Reported : 17/5/2025 11:26:06AM

Report Status : Interim

Processed at : LPL-NATIONAL REFERENCE LAB

Units

mg/dL

mg/dL

mg/dL

National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085

Bio. Ref. Interval

79 - 169

46 - 174

0.35 - 0.98

<20



Results

SWASTHFIT DIABETES & HEART CHECK COMPLETE					
LIPID PROFILE EXTENDED, SERUM					
Cholesterol Total (CHO-POD)	131	mg/dL	<200		
Triglycerides (GPO-POD)	79	mg/dL	<150		
HDL Cholesterol (Enz Immunoinhibition)	60	mg/dL	>40		
LDL Cholesterol,Direct (enz Selective protection)	71	mg/dL	<100		
VLDL Cholesterol Calculated)	16	mg/dL	<30		
Non-HDL Cholesterol (Calculated)	71	mg/dL	<130		
Cholesterol: HDL Ratio	2.19		3.30 - 4.40		

124

52

0.42

46

Interpretation

Apolipoprotein (Apo A1)

(Immunoturbidimetry)

Apolipoprotein (Apo B)

(Immunoturbidimetry) Apo B / Apo A1 Ratio

Lipoprotein(a); Lp(a)

(Immunoturbidimetry)

REMARKS 	CHOLESTEROL:HDL RATIO	Lp (a) in(mg/dL)
Low risk	3.3-4.4	<20
Average risk	4.5-7.1	- -
Moderate risk	7.2-11.0	20-49
High risk	>11.0	>=50



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Age : 24 Years Gender : Male

Reported : 17/5/2025 11:26:06AM

Report Status : Interim

Processed at : LPL-NATIONAL REFERENCE LAB

National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085



Test Name Results Units Bio. Ref. Interval

Treatment Goals as per Lipid Association of India 2020

ASCVD RISK	CONSIDER THERAPY		TREATMENT GOAL		
CATEGORY@	LDL CHOLESTEROL	NON HDL CHLOESTEROL (NON HDL-C) (mg/dL)	LDL CHOLESTEROL (LDL-C)(mg/dL)	NON HDL CHLOESTEROL (NON HDL-C)	APOLIPOPROTEIN B (Apo B) mg/dL
Extreme (A)	>=50	>=80	<pre><50 (Indispensable) <30 (Optional)</pre>	<80	<65
Extreme (B)	>=30	>=60	<30	<60	<50
Very High	>=50	>=80	<50	<80	<65
нigh	>=70	>=100	<70	<100	<80
Moderate	>=100	>=130	<100	<130	-
Low	>=130*	>=160*	<100	<130	

^{*} In low risk patient, consider therapy after an initial non-pharmacological intervention for at least 3 months

Note

- 1. Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
- 2. Apolipoprotein B is an optional, secondary lipid target for treatment once LDL & Non HDL goals have been achieved

Apolipoprotein B:

Apo B concentration measures the number of all atherogenic particles [Total apo B concentration = apo B in chylomicron + apo B in VLDL + apo B in VLDL remnant + apo in IDL + apo in LDL+ apo B in Lp(a)]. 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 low and moderate risk groups. Apo B measurement is recommended in high-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. To assess ASCVD risk, It is preferable to estimate serum apo B in patients with Diabetes, metabolic syndrome, obesity, high triglyceride concentration or very low LDL-C levels

Lipoprotein (a); Lp(a):

Lp(a) is an independent risk factor for coronary heart disease (CHD), ischemic stroke, and aortic valve stenosis and has been referred to as "the most atherogenic lipoprotein". It appears to be very important



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Name : SUGANDH SRIVASTAVA

: 192495914 Lab No.

: DR RAKESH TIWARI Ref By : 16/5/2025 8:21:00AM Collected

A/c Status ; P

Collected at : WALK IN - AYODHYA LAB

Hall No 2 Mukut Complex Rikub Ganj Faizabad

UP 224001

: 24 Years Gender Male

17/5/2025 11:26:06AM Reported

Report Status Interim

Processed at LPL-NATIONAL REFERENCE LAB

> National Reference laboratory, Block E, Sector 18, Rohini, New Delhi -110085

Test Report

Test Name Results Units Bio. Ref. Interval

ASCVD risk factor for Indians as Indians tend to have high prevalence of elevated Lp(a). In Indians, Lp(a) measurement is strongly recommended under following conditions:

- 1. At the time of initial screening of all subjects (18 years of age in adults and at the age of 2 years in subjects with family history of FH and premature ASCVD)
- 2. In patients with:
- Premature ASCVD (<55 years in men, <65 years in women)
- Familial hypercholesterolemia
- A family history of premature CVD and/or elevated Lp(a)
- Recurrent ASCVD despite optimal lipid lowering treatment
- In patients showing poor response to maximum lipid lowering therapy

Dr Anialika Goval MD Biochemistry Consultant Biochemist NRL - Dr Lal PathLabs Ltd DMC - 89819

Dr Himangshu Mazumdar MD Biochemistry Sr. Consultant Biochemist NRL - Dr Lal PathLabs Ltd

Dr Nimmi Kansal MD Biochemistry Technical Director - Clinical Chemistry & Biochemical Genetics NRL - Dr Lal PathLabs Ltd

MCL15-19066

Dr Richa Sirohi MD Biochemistry Sr. Consultant Biochemist NRL - Dr Lal PathLabs Ltd



Result/s to follow: CKD RISK MAP



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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. •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. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050,Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

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