

Patient Name : Mrs.NAKSHATRS KAUR  
Age/Gender : 75 Y 0 M 0 D /F  
UHID/MR No : DMGL.0000008979  
Visit ID : DMGLOPV20563  
Ref Doctor : DR. ASHRIT KAUR  
IP/OP NO :

Collected : 29/Apr/2024 08:45AM  
Received : 29/Apr/2024 12:00PM  
Reported : 29/Apr/2024 12:51PM  
Status : Final Report  
Client Name : PCC MURGASOL ASANSOL  
Patient location : ,Asansol

### DEPARTMENT OF BIOCHEMISTRY

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIPID PROFILE , SERUM</b>				
TOTAL CHOLESTEROL	115	mg/dL	<200	CHE/CHO/POD
TRIGLYCERIDES	<b>174</b>	mg/dL	<150	Enzymatic
HDL CHOLESTEROL	<b>35</b>	mg/dL	>40	CHE/CHO/POD
NON-HDL CHOLESTEROL	80	mg/dL	<130	Calculated
LDL CHOLESTEROL	45.2	mg/dL	<100	Calculated
VLDL CHOLESTEROL	<b>34.8</b>	mg/dL	<30	Calculated
CHOL / HDL RATIO	3.29		0-4.97	Calculated
ATHEROGENIC INDEX (AIP)	<b>0.34</b>		<0.11	Calculated

#### Comment:

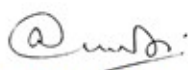
Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

	Desirable	Borderline High	High	Very High
TOTAL CHOLESTEROL	< 200	200 - 239	≥ 240	
TRIGLYCERIDES	<150	150 - 199	200 - 499	≥ 500
LDL	Optimal < 100; Near Optimal 100-129	130 - 159	160 - 189	≥ 190
HDL	≥ 60			
NON-HDL CHOLESTEROL	Optimal <130; Above Optimal 130-159	160-189	190-219	>220
ATHEROGENIC INDEX(AIP)	<0.11	0.12 – 0.20	>0.21	

#### Note:

- 1) Measurements in the same patient on different days can show physiological and analytical variations.
- 2) NCEP ATP III identifies non-HDL cholesterol as a secondary target of therapy in persons with high triglycerides.
- 3) Primary prevention algorithm now includes absolute risk estimation and lower LDL Cholesterol target levels to determine eligibility of drug therapy.
- 4) Low HDL levels are associated with coronary heart disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.

Page 1 of 2



Dr.Antora Choudhury  
D.N.B (Pathology)



SIN No:BI19475309

**Apollo Health and Lifestyle Limited**

#### Lab Address

Sarada enclave, Oposite Ranjit Petrol Pump, Asansol, West Bengal-713304

#### Registered Office

(CIN-U85110TG2000PLC115819)

Regd. Office: 7-1-617/A, 615 and 616, IMPERIAL TOWERS 7th Floor, Ameerpet  
Hyderabad, Telangana State 500038

Email ID: [customer.care@apolلودiagnostics.in](mailto:customer.care@apolلودiagnostics.in)

T: 040 44442424

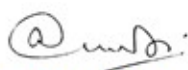
Patient Name	: Mrs.NAKSHATRS KAUR	Collected	: 29/Apr/2024 08:45AM
Age/Gender	: 75 Y 0 M 0 D /F	Received	: 29/Apr/2024 12:00PM
UHID/MR No	: DMGL.0000008979	Reported	: 29/Apr/2024 12:51PM
Visit ID	: DMGLOPV20563	Status	: Final Report
Ref Doctor	: DR. ASHRIT KAUR	Client Name	: PCC MURGASOL ASANSOL
IP/OP NO	:	Patient location	: ,Asansol

#### DEPARTMENT OF BIOCHEMISTRY

- 5) As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.
- 6) VLDL, LDL Cholesterol Non-HDL Cholesterol, CHOL/HDL RATIO, LDL/HDL RATIO are calculated parameters when Triglycerides are below 400 mg/dl. When Triglycerides are more than 400 mg/dl LDL cholesterol is a direct measurement.
- 7) Triglycerides and HDL-cholesterol in Atherogenic index (AIP) reflect the balance between the atherogenic and protective lipoproteins. Clinical studies have shown that AIP (log (TG/HDL) & values used are in mmol/L) predicts cardiovascular risk and a useful measure of response to treatment (pharmacological intervention).

\*\*\* End Of Report \*\*\*

Result/s to Follow:  
HBA1C (GLYCATED HEMOGLOBIN)

Dr.Antora Choudhury  
D.N.B (Pathology)

Page 2 of 2



SIN No:BI19475309

**Apollo Health and Lifestyle Limited**

**Lab Address**

Sarada enclave, Oposite Ranjit Petrol Pump, Asansol, West Bengal-713304

**Registered Office**

(CIN-U85110TG2000PLC115819)

Regd. Office: 7-1-617/A, 615 and 616, IMPERIAL TOWERS 7th Floor, Ameerpet  
Hyderabad, Telangana State 500038

Email ID: [customer.care@apollo diagnostics.in](mailto:customer.care@apollo diagnostics.in)

T: 040 44442424