

**REPORT**

**NAME** : XXXXXXXXXXXXXXXXXXXX  
**REF. BY** : XXXXXXXXXXXXXXXXXXXX  
**TEST ASKED** : LIPID PROFILE

**SAMPLE COLLECTED AT :**  
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	114	mg/dL	< 200
<b>HDL CHOLESTEROL - DIRECT</b>	<b>PHOTOMETRY</b>	<b>29</b>	<b>mg/dL</b>	<b>40-60</b>
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	69	mg/dL	< 100
TRIGLYCERIDES	PHOTOMETRY	133	mg/dL	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	4	Ratio	3 - 5
<b>TRIG / HDL RATIO</b>	<b>CALCULATED</b>	<b>4.64</b>	<b>Ratio</b>	<b>&lt; 3.12</b>
LDL / HDL RATIO	CALCULATED	2.4	Ratio	1.5-3.5
HDL / LDL RATIO	CALCULATED	0.41	Ratio	> 0.40
NON-HDL CHOLESTEROL	CALCULATED	85.3	mg/dL	< 160
VLDL CHOLESTEROL	CALCULATED	26.54	mg/dL	5 - 40

**Please correlate with clinical conditions.**

**Method :**

- CHOL - Cholesterol Oxidase, Esterase, Peroxidase
- HCHO - Direct Enzymatic Colorimetric
- LDL - Direct Measure
- TRIG - Enzymatic, End Point
- TC/H - Derived from serum Cholesterol and Hdl values
- TRI/H - Derived from TRIG and HDL Values
- LDL/ - Derived from serum HDL and LDL Values
- HD/LD - Derived from HDL and LDL values.
- NHDL - Derived from serum Cholesterol and HDL values
- VLDL - Derived from serum Triglyceride values

**\*REFERENCE RANGES AS PER NCEP ATP III GUIDELINES:**

TOTAL CHOLESTEROL	(mg/dl)	HDL	(mg/dl)	LDL	(mg/dl)	TRIGLYCERIDES	(mg/dl)
DESIRABLE	<200	LOW	<40	OPTIMAL	<100	NORMAL	<150
BORDERLINE HIGH	200-239	HIGH	>60	NEAR OPTIMAL	100-129	BORDERLINE HIGH	150-199
HIGH	>240			BORDERLINE HIGH	130-159	HIGH	200-499
				HIGH	160-189	VERY HIGH	>500
				VERY HIGH	>190		

**Alert !!! 10-12 hours fasting is mandatory for lipid parameters. If not, values might fluctuate.**

~~ End of report ~~

**Sample Collected on (SCT)** : Sample collection time  
**Sample Received on (SRT)** : Sample receiving time at Lab  
**Report Released on (RRT)** : Report release time  
**Sample Type** : SERUM  
**Labcode** :  
**Barcode** :

Doctor 1 Sign

Doctor 2 Sign

## CONDITIONS OF REPORTING

- ✓ The reported results are for information and interpretation of the referring doctor only.
- ✓ It is presumed that the tests performed on the specimen belong to the patient; named or identified.
- ✓ Results of tests may vary from laboratory to laboratory and also in some parameters from time to time for the same patient.
- ✓ Should the results indicate an unexpected abnormality, the same should be reconfirmed.
- ✓ Only such medical professionals who understand reporting units, reference ranges and limitations of technologies should interpret results.
- ✓ This report is not valid for medico-legal purpose.
- ✓ Neither Thyrocare, nor its employees/representatives assume any liability, responsibility for any loss or damage that may be incurred by any person as a result of presuming the meaning or contents of the report.
- ✓ Thyrocare Discovery video link :- <https://youtu.be/nbdYeRgYvQc>
- ✓ For clinical support please contact @8450950852,8450950853,8450950854 between 10:00 to 18:00

## EXPLANATIONS

- ✓ Majority of the specimen processed in the laboratory are collected by Pathologists and Hospitals we call them as "Clients".
- ✓ **Name** - The name is as declared by the client and recored by the personnel who collected the specimen.
- ✓ **Ref.Dr** - The name of the doctor who has recommended testing as declared by the client.
- ✓ **Labcode** - This is the accession number in our laboratory and it helps us in archiving and retrieving the data.
- ✓ **Barcode** - This is the specimen identity number and it states that the results are for the specimen bearing the barcode (irrespective of the name).
- ✓ **SCP** - Specimen Collection Point - This is the location where the blood or specimen was collected as declared by the client.
- ✓ **SCT** - Specimen Collection Time - The time when specimen was collected as declared by the client.
- ✓ **SRT** - Specimen Receiving Time - This time when the specimen reached our laboratory.
- ✓ **RRT** - Report Releasing Time - The time when our pathologist has released the values for Reporting.
- ✓ **Reference Range** - Means the range of values in which 95% of the normal population would fall.

## SUGGESTIONS

- ✓ Values out of reference range requires reconfirmation before starting any medical treatment.
- ✓ Retesting is needed if you suspect any quality shortcomings.
- ✓ Testing or retesting should be done in accredited laboratories.
- ✓ For suggestions, complaints or feedback, write to us at [info@thyrocare.com](mailto:info@thyrocare.com) or call us on **022-3090 0000 / 6712 3400**
- ✓ SMS:<Labcode No.> to **9870666333**

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