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Diabetic  
Friendly

Products of  
**Senera<sup>®</sup> Essentials**  
A Division of Tanmay Endeavours (P) Ltd.

## Patient Profile ▶ 001

- |                        |  |
|------------------------|--|
| Patient Name           | ▶ Mr. Ganesh Ikhari                    |
| Age/Sex                | ▶ 57 Y/M                               |
| City                   | ▶ Amravati (MH)                        |
| Mobile No.             | ▶ NA                                   |
| Blood Test Reports for | ▶ Cholesterol                          |
| Diagnosis Done By      | ▶ Thyrocare, Mauli Clinical Laboratory |

Report Done

Before and After Taking **ZERO** BLOCK/ **ZERO** BLOCK X

**Before**

Report Done on Date: 16 March 2022

**After**

Report Done on Date: 11 April 2022



## Result

	Before	After
<b>Total Cholesterol</b>	<b>156</b>	<b>106.22 mg/dl</b>
<b>HDL</b>	<b>31</b>	<b>42.12 mg/dl</b>
<b>Triglyceride</b>	<b>585</b>	<b>115.16 mg/dl</b>
<b>LDL</b>	<b>54</b>	<b>41.07 mg/dl</b>
<b>VLDL</b>	<b>43.8</b>	<b>23.03 mg/dl</b>
<b>LDL/ HDL Ratio</b>	<b>1.8</b>	<b>0.97 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	<b>5.1</b>	<b>2.52 Ratio</b>

**PROCESSED AT :****Thyrocare**

1st Floor, Block No.101-103,  
Mytri Willows,  
Sir Bezonji Mehta road, Nagpur -  
440018

The Trust. The Truth.

Corporate office : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703

( 022 - 3090 0000 / 6712 3400 ) 9870666333 wellness@thyrocare.com www.thyrocare.com

**REPORT**

**NAME** : MR GANESH IKHAR (55Y/M)  
**REF. BY** : SELF  
**TEST ASKED** : AAROGYAM B PRO

**SAMPLE COLLECTED AT :**  
(4446011147),MR AKASH BUNDELE,MR AKASH BUNDELE  
PRABHAT SQUARE NIRMAL LODGE LINE  
AMRAVATI,444601

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	156	mg/dl	< 200
<b>HDL CHOLESTEROL - DIRECT</b>	<b>PHOTOMETRY</b>	<b>31</b>	<b>mg/dl</b>	<b>40-60</b>
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	54	mg/dl	< 100
<b>TRIGLYCERIDES</b>	<b>PHOTOMETRY</b>	<b>585</b>	<b>mg/dl</b>	<b>&lt; 150</b>
<b>TC/ HDL CHOLESTEROL RATIO</b>	<b>CALCULATED</b>	<b>5.1</b>	<b>Ratio</b>	<b>3 - 5</b>
LDL / HDL RATIO	CALCULATED	1.8	Ratio	1.5-3.5
NON-HDL CHOLESTEROL	CALCULATED	125.29	mg/dl	< 160
<b>VLDL CHOLESTEROL</b>	<b>CALCULATED</b>	<b>117</b>	<b>mg/dl</b>	<b>5 - 40</b>

**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

LDL/ - DERIVED FROM SERUM 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.****Sample Collected on (SCT)** : 16 Mar 2022 12:15

**Sample Received on (SRT)** : 16 Mar 2022 16:55

**Report Released on (RRT)** : 16 Mar 2022 22:53**Sample Type** : SERUM**Labcode** : 1603090827/AA447 Dr.Prachi Sinkar MD(Path)

Dr.Caesar Sengupta MD(Micro)

**Barcode** : X0712605

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Computerised

# IAULI CLINICAL LABORATORY

(Mrs.) Shamal S. Tetu (Pokale)  
D. (Micro), D.M.L.T., D.N.Y.S.  
M. 9767442335, 8657790119

Mahabank Colony, Nalanda  
Society, Sai Nagar, Amravati.

■ Time : 8am. to 3pm. & 6pm. to 9pm. Sunday 8am. to 3pm. ■

## REPORT

Name :- Mr. Ganesh Ikhari.

Age/Sex :- 56 Yers / M

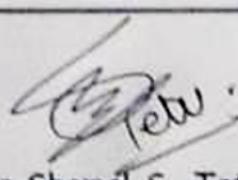
Ref. By :- Dr. Self.

Date :- 11/04/2022

### LIPID PROFILE

	Finding in Patient	Normal Range ##
SERUM TRIGLYCERIDES	:- 115.16	< 200 mg / dL
SERUM TOTAL CHOLESTEROL	:- 106.22	< 200 mg / dL
HDL-CHOLESTEROL	:- 42.12	30 - 65 mg / dL
LDL-CHOLESTEROL	:- 41.07	< 100 mg / dL
VLDL-CHOLESTEROL	:- 23.03	< 40 mg / dL
TOTAL CHOLE. / HDL-CHOLE.	:- 2.52	< 3.0 - Low Risk 3.0 - 5.0 - Avg. Risk > 5.0 - High Risk
LDL-CHOLE. / HDL-CHOLE.	:- 0.97	0 - 3.5

## Alters with associated risk factors.

  
Dr. Mrs. Shamal S. Tetu.

It following Condition : This Report is not valid for medical legal purposes. Serological test are known to give false positive or negative result, so the final diagnosis conclusion should not be drawn from these test only. Advised Follow up Blood grouping and cross matching remain subject to variation depending upon presence of inter facing agglutination and Due Variants in patient blood and donor factor. lab to variation should always be considerate. Subject to correction of typing / Printings and humanly mistakes.



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## Patient Profile ▶ 002

Patient Name	▶ Anonymous
Age/Sex	▶ 26 Y/M
City	▶ Bilaspur (CG)
Mobile No.	▶ NA
Blood Test Reports for	▶ Cholesterol
Diagnosis Done By	▶ SRL Lab

Report Done

Before and After Taking **ZERO BLOCK**/ **ZERO BLOCK X**

**Before**

Report Done on Date: 17 August, 2021

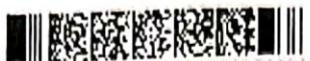
**After**

Report Done on Date: 27 February, 2022



## Result

	Before	After
<b>Total Cholesterol</b>	<b>241</b>	<b>206 mg/dl</b>
<b>HDL</b>	<b>55</b>	<b>58 mg/dl</b>
<b>Triglyceride</b>	<b>260</b>	<b>100 mg/dl</b>
<b>LDL</b>	<b>163</b>	<b>122 mg/dl</b>
<b>VLDL</b>	<b>52</b>	<b>20 mg/dl</b>
<b>LDL/ HDL Ratio</b>	<b>3.0</b>	<b>2.1 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	<b>4.4</b>	<b>3.6 Ratio</b>



Patient Ref. No. 126000000347514

CLIENT CODE : C000130196

## CLIENT'S NAME AND ADDRESS :

GAURAV PATH COLLECTION CENTRE  
 RING ROAD NO. 2, MAHARANA PRATAP ROAD,  
 BILASPUR (CGH)  
 BILASPUR 495001  
 CHHATTISGARH INDIA  
 8871781100

SRL Ltd  
 Gr. & 1st Floor, Magarpura Chowk, Ward No. 10, Near LIC Office,  
 BILASPUR, 495001  
 CHHATTISGARI, INDIA  
 Tel 07752-429980, 08878643336, Fax  
 CIN - U74899PB1995PLC045956

PATIENT NAME : PRABHJEET SINGH

PATIENT ID : PRABM924288380

ACCESSION NO : 0126UH002519 AGE : 26 Years SEX : Male

DRAWN : 17/08/2021 10:48 RECEIVED : 17/08/2021 12:38

REPORTED : 17/08/2021 13:15

REFERRING DOCTOR : SELF

CLIENT PATIENT ID :

Test Report Status	Final	Results	Biological Reference Interval	Units
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## BIO CHEMISTRY

## CORONARY RISK PROFILE (LIPID PROFILE), SERUM.

CHOLESTEROL	241	High < 200 Desirable 200 - 239 Borderline High > or = 240 High	mg/dL
TRIGLYCERIDES	260	High <150 Normal 150 - 199 Borderline high 200 - 499 High > or = 500 Very high	mg/dL
HDL CHOLESTEROL	55	< 40 Low HDL-cholesterol (major risk factor for coronary heart disease) > or = 60 High HDL-cholesterol (negative risk factor for coronary heart disease)	mg/dL
DIRECT LDL CHOLESTEROL	163	High < 100 Optimal 100 - 129 Near or above optimal 130 - 159 Borderline high 160 - 189 High > or = 190 Very high	mg/dL
NON HDL CHOLESTEROL	186	High Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
CHOL/HDL RATIO	4.4	3.3- 4.4 Low Risk 4.5- 7.0 Average Risk 7.1- 11.0 Moderate Risk > 11.0 High Risk	
LDL/HDL RATIO	3.0	0.5 - 3.0 Desirable/Low Risk 3.1 - 6.0 Borderline/Moderate Risk > 6.0 High Risk	
VERY LOW DENSITY LIPOPROTEIN	52.0	High < or = 30	mg/dL



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CLIENT CODE : C000043557

**CLIENT'S NAME AND ADDRESS :**  
WALK IN-RELIEF PATHO DIAGNOSTIC & RES.CENTRE  
NEAR LIC OFFICE, MAGAR PARA CHOWK,

BILASPUR 495001  
CHHATTISGARH INDIA  
775-2429980 9907844441

SRL Ltd  
Gr. & 1st Floor, Magarpura Chowk, Ward No 10, Near LIC Office,  
BILASPUR, 495001  
CHHATTISGARH, INDIA  
Tel : 07752-429980, 08878643336, Fax :  
CIN - U74899PB1995PLC045956

PATIENT ID : MRPRM270295126

PATIENT NAME :

ACCESSION NO : 0126VB003647 AGE : 27 Years SEX : Male

RECEIVED : 27/02/2022 11:13

REPORTED : 27/02/2022 12:44

DRAWN :

CLIENT PATIENT ID :

REFERRING DOCTOR : SELF

Test Report Status Final

Results

Biological Reference Interval Units

**BIO CHEMISTRY****CORONARY RISK PROFILE (LIPID PROFILE), SERUM.**

CHOLESTEROL	206	High	< 200 Desirable 200 - 239 Borderline High > or = 240 High	mg/dL
TRIGLYCERIDES	100	<150 Normal 150 - 199 Borderline high 200 - 499 High > or = 500 Very high	mg/dL	
HDL CHOLESTEROL	58	< 40 Low HDL-cholesterol (major risk factor for coronary heart disease) > or = 60 High HDL-cholesterol (negative risk factor for coronary heart disease)	mg/dL	
DIRECT LDL CHOLESTEROL	122	High	< 100 Optimal 100 - 129 Near or above optimal 130 - 159 Borderline high 160 - 189 High > or = 190 Very high	mg/dL
NON HDL CHOLESTEROL	148	High	Desirable: Less than 130 Above Desirable: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very high: > or = 220	mg/dL
CHOL/HDL RATIO	3.6		3.3-4.4 Low Risk 4.5-7.0 Average Risk 7.1-11.0 Moderate Risk > 11.0 High Risk	
LDL/HDL RATIO	2.1		0.5-3.0 Desirable/Low Risk 3.1-6.0 Borderline/Moderate Risk > 6.0 High Risk	
VERY LOW DENSITY LIPOPROTEIN	20.0		< or = 30	mg/dL

**Interpretation(s)**

**CORONARY RISK PROFILE (LIPID PROFILE), SERUM.-**  
Serum cholesterol is a blood test that can provide valuable information for the risk of coronary artery disease. This test can help determine your risk of the build up of plaques in your arteries that can lead to narrowed or blocked arteries throughout your body (atherosclerosis). High cholesterol levels usually don't cause any signs or symptoms, so a cholesterol test is an important tool. High cholesterol levels often are a significant risk factor for heart disease and important for diagnosis of hyperlipoproteinemia, atherosclerosis, hepatic and thyroid diseases.

Serum Triglyceride are a type of fat in the blood. When you eat, your body converts any calories it doesn't need into triglycerides, which are stored in fat cells. High triglyceride levels are associated with several factors, including being overweight, eating too many sweets or drinking too much alcohol, smoking, being sedentary, or having diabetes with elevated blood sugar levels. Analysis has proven useful in the diagnosis and treatment of patients with diabetes mellitus, nephrosis, liver obstruction, other diseases involving lipid metabolism, and various endocrine disorders. In conjunction with high density lipoprotein and total serum cholesterol, a triglyceride determination provides valuable information for the assessment of coronary heart disease risk. It is done in fasting state.

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## Patient Profile ▶ 003

- Patient Name ▶ Mr. Umesh Jadhav  
 Age/Sex ▶ 33 Y/M  
 City ▶ Pune (MH)  
 Mobile No. ▶ 7304010101  
 Blood Test Reports for ▶ Cholesterol  
 Diagnosis Done By ▶ Tanush Diagnostics

Report Done

Before and After Taking **ZERO BLOCK**/ **ZERO BLOCK X**

**Before**

Report Done on Date: 24 July 2021

**After**

Report Done on Date: 27 September 2021



## Result

	Before	After
<b>Total Cholesterol</b>	<b>163.3</b>	<b>111.1 mg/dl</b>
<b>HDL</b>	<b>50.6</b>	<b>63.8 mg/dl</b>
<b>Triglyceride</b>	<b>297.6</b>	<b>169.9 mg/dl</b>
<b>LDL</b>	<b>112.2</b>	<b>79.4 mg/dl</b>
<b>VLDL</b>	<b>59.52</b>	<b>33.98 mg/dl</b>
<b>LDL/ HDL Ratio</b>	<b>2.22</b>	<b>1.24 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	<b>3.23</b>	<b>1.74 Ratio</b>



Patient Name : MR. UMESH JADHAV

Age : 33 years (Male)

Referral : SELF

Reg. ID : - 21360

Report Date : Jul 24, 2021, 03:23 p.m.

Report ID : 81872

LIPID PROFILE

Test Description	Value(s)	Reference Range	
S.Cholesterol	163.3 mg/dl	Desirable	: < 200
		Borderline high	: 200 - 239
		Undesirable	: > 240
S.Triglycerides	<b>297.6 mg/dl</b>	Desirable	: < 150
		Borderline high	: 150 - 199
		High	: 200 - 499
		Very High	: > 500
S. HDL	50.6 mg/dl	Undesirable	: < 40
		Borderline	: 40 - 59
		Desirable	: > 60
S. LDL	112.2 mg/dl	Desirable	: < 130
		Borderline	: 130-159
		Undesirable	: > 160
S. VLDL	<b>59.52 mg/dl</b>	5 - 51	
LDLC/HDLC Ratio	2.22	0 - 3.6	
S.Cholesterol/HDLC Ratio	3.23	0 - 5.0	

\*\*END OF REPORT\*\*

**Dr. Vivek J. Dugad**  
M.B.B.S., M.D. ( PATH )  
Reg. No. 2007/04/0619



Patient Name : **MR. UMESH JADHAV**

Age : 32 years (Male)

Referral : Dr. Dudhedia A. P.

Reg. ID : - 24405

Report Date : Sep 27, 2021, 01:14 p.m.

Report ID : 91498

**LIPID PROFILE**

<b>Test Description</b>	<b>Value(s)</b>	<b>Reference Range</b>
S.Cholesterol	111.1 mg/dl	Desirable : < 200 Borderline high : 200 - 239 Undesirable : > 240
S.Triglycerides	169.9 mg/dl	Desirable : < 150 Borderline high : 150 - 199 High : 200 - 499 Very High : > 500
S. HDL	63.8 mg/dl	Undesirable : < 40 Borderline : 40 - 59 Desirable : > 60
S. LDL	79.4 mg/dl	Desirable : < 130 Borderline : 130-159 Undesirable : > 160
S. VLDL	33.98 mg/dl	5 - 51
LDLC/HDLC Ratio	1.24	0 - 3.6
S.Cholesterol/HDLC Ratio	1.74	0 - 5.0

\*\*END OF REPORT\*\*

**Dr. Vivek J. Dugad**  
M.B.B.S., M.D. ( PATH )  
Reg. No. 2007/04/0619



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## Patient Profile ▶ 004

- |                        |                           |
|------------------------|---------------------------|
| Patient Name           | ▶ Mr. Umrao Singh         |
| Age/Sex                | ▶ 50 Y/M                  |
| City                   | ▶ Dewas (MP)              |
| Mobile No.             | ▶ 9425036725              |
| Blood Test Reports for | ▶ Cholesterol             |
| Diagnosis Done By      | ▶ Thyrocare, CHL Hospital |

Report Done

Before and After Taking **ZERO** BLOCK/ **ZERO** BLOCK X

**Before**

Report Done on Date: 13 March 2020

**After**

Report Done on Date: 10 August 2020



## Result

	Before	After
<b>Total Cholesterol</b>	<b>249.04</b>	<b>213 mg/dl</b>
<b>HDL</b>	<b>41.65</b>	<b>42 mg/dl</b>
<b>Triglyceride</b>	<b>214.42</b>	<b>207 mg/dl</b>
<b>LDL</b>	<b>164.5</b>	<b>140 mg/dl</b>
<b>VLDL</b>	-	- mg/dl
<b>LDL/ HDL Ratio</b>	<b>3.9</b>	<b>3.3 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	<b>5.9</b>	<b>5.0 Ratio</b>

**Patient Name :** Mr. UMRAO SINGH S/O M.L. VERMA [MRN-200303304]  
**Age / Gender :** 50 Yr / Male  
**Address :** GREEN VALLEY A 206 KANADIA ROAD , Indore, MADHYA PRADESH



MRN-200303304

**Request Date :** 13-03-2020 08:45 AM      **Reporting Date :** 13-03-2020 01:47 PM  
**Collection Date :** 13-03-2020 08:58 AM      **Requesting Doctor :** Dr.EHC  
**Sample ID :** BAO211, BAO212, BAO260, CH720, HY240      **Reporting Status :** Finalized  
**Acceptance Date:** 13-03-2020 08:59 AM

**BIOCHEMISTRY**

Investigations	Method	Result	Biological Reference Range
<b>LIPID PROFILE *[ SERUM ]#</b>			
CHOLESTEROL#	CHOD - PAP	249.04 mg/dL ✓	Adult:- <200 - Desirable 200 - 239 - Borderline High >240 - High Children:- 170 - Desirable 170 - 199 - Borderline High &gt;=200 - High
TRIGLYCERIDES#	GPO POD End Point	214.42 mg/dL ✓	<150 - Normal 150 - 199 - High 200 - 499 - Hypertriglyceremic >499 - Very High
HDL- CHOLESTEROL#	Enzymatic Selective Protection	41.65 mg/dL	<40 - Low >=60 - High
LDL - CHOLESTEROL#	Enzymatic Selective Protection	164.506 mg/dL	<100 - Optimal 100 - 129 - Near/About Optimal 130 - 159 - Borderline High 160 - 189 - High >189 - Very High
CHOLESTEROL/HDL#	Calculated	5.9:1	<4.5:1
LDL/HDL#	Calculated	3.9:1	<3.5:1
<i>Interpretation: Lipid measurements are used in the diagnosis and treatment of atherosclerotic coronary artery disease. Cholesterol measurements are also used in the diagnosis of metabolic disorders .Ref : National Cholesterol Education Program.</i>			

Investigations	Method	Result	Biological Reference Range
<b>FASTING PLASMA GLUCOSE *[ FLUORIDE PLASMA ]#</b>			
	Hexokinase	94.47 mg/dL	74.00 - 100.00 mg/dL
<i>Interpretation:</i> A fasting blood sugar level 74-100 mg/dL is normal, from 100 to 125 mg/dL is considered prediabetes and 126 mg/dL or higher on two separate tests, confirms diabetes. (American Diabetic association guidelines 2019). Blood glucose levels are performed to determine whether the individuals blood glucose is in the normal range, or hypoglycemia (low level) or hyperglycemia (high level). Glucose is a simple sugar that body gets from food we ingest. It gives energy for various metabolic activities in the body. Amount of glucose in blood is controlled by two hormones - insulin and glucagon, by feedback mechanism. Ref: Tietz textbook of clinical chemistry and molecular diagnostics (5 th Edition)			

Investigations	Method	Result	Biological Reference Range
<b>POST PRANDIAL PLASMA GLUCOSE *[ FLUORIDE PLASMA ]#</b>			
	Hexokinase	81.37 mg/dL	74.00 - 140.00 mg/dL
<i>Interpretation:</i> A Post Prandial blood sugar level less than 74 mg/dL is normal, >180 higher confirms diabetes. Blood glucose levels are performed to determine whether the individuals blood glucose is in the normal range, or hypoglycemia (low level) or hyperglycemia (high level). Glucose is a simple sugar that body gets from food we ingest. It gives energy for various metabolic activities in the body. Amount of glucose in blood is controlled by two hormones - insulin and glucagon, by feedback mechanism.			

END OF REPORT.

Prepared and Checked by

**PROCESSED AT :**

Thyrocare

413, Block B,

Chinarr Fortune City,

Hosur Road, Bangalore - 560 042

**Corporate Office : Thyrocare Technologies Limited**

022 - 3090 0000 / 4125 2525 8691866066 wellness@thyrocare.com www.thyrocare.com

## REPORT

**NAME** : MR UMRAO SINGH JI (51Y/M)  
**REF. BY** : SELF  
**TEST ASKED** : AAROGYAM C

**SAMPLE COLLECTED AT :**  
 13-CHAMUNDA COMPLEX,OPPOSITE SAYAJI GATE,AGRA  
 BOMBAY ROAD,DISTRICT DEWAS, MADHYA  
 PRADESH.,455001

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	213 ✓	mg/dl	125-200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	42	mg/dl	35-80
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	140 ✓	mg/dl	85-130
TRIGLYCERIDES	PHOTOMETRY	207 ✓	mg/dl	25-200
TC/ HDL CHOLESTEROL RATIO	CALCULATED	5	Ratio	3 - 5
LDL / HDL RATIO	CALCULATED	3.3	Ratio	1.5-3.5
VLDL CHOLESTEROL	CALCULATED	41.34 ✓	mg/dl	5 - 40
NON-HDL CHOLESTEROL	CALCULATED	170.76 ✓	mg/dl	< 160

Please correlate with clinical conditions.

**Method :**

CHOL - CHOD POD METHOD

HCHO - ENZYME SELECTIVE PROTECTION METHOD

LDL - HOMOGENOUS ENZYMATIC COLORIMETRIC ASSAY

TRIG - ENZYMATIC COLORIMETRIC METHOD (GPO) [HIGHLY INFLUENCED BY LEVEL OF FASTING]

TC/H - DERIVED FROM SERUM CHOLESTEROL AND HDL VALUES

LDL/ - DERIVED FROM SERUM HDL AND LDL VALUES

VLDL - DERIVED FROM SERUM TRIGLYCERIDE VALUES

NHDL - DERIVED FROM SERUM CHOLESTEROL AND HDL 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.**

Sample Collected on (SCT) : 10 Aug 2020 09:00  
 Sample Received on (SRT) : 10 Aug 2020 23:14  
 Report Released on (RRT) : 11 Aug 2020 02:37  
 Sample Type : SERUM  
 Labcode : 1008050205/MAD81  
 Barcode : Q3910965

Dr.B.Hargunani MBBS.,DCP

Dr.Caesar Sengupta MD(Micro)

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BS (man)

Ca



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## Patient Profile ▶ 005

- |                        |                                   |
|------------------------|-----------------------------------|
| Patient Name           | ▶ Mrs. Kiran Bisen                |
| Age/Sex                | ▶ 67 Y/F                          |
| City                   | ▶ Balaghat (MP)                   |
| Mobile No.             | ▶ 9819609500                      |
| Blood Test Reports for | ▶ Cholesterol                     |
| Diagnosis Done By      | ▶ Nidaan Multispeciality Hospital |

Report Done

Before and After Taking **ZERO** BLOCK/ **ZERO** BLOCK X

**Before**

Report Done on Date: 10 September 2021

**After**

Report Done on Date: 16 January 2022



## Result

	Before	After
<b>Total Cholesterol</b>	<b>135.6</b>	<b>124.0 mg/dl</b>
<b>HDL</b>	<b>42.1</b>	<b>49 mg/dl</b>
<b>Triglyceride</b>	<b>219.2</b>	<b>156 mg/dl</b>
<b>LDL</b>	<b>49.7</b>	<b>43.8 mg/dl</b>
<b>VLDL</b>	<b>43.8</b>	<b>31.2 mg/dl</b>
<b>LDL/ HDL Ratio</b>	-	<b>0.89 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	-	<b>2.53 Ratio</b>



# NIDAN

FRACTURE MULTISPECIALITY HOSPITAL  
BALAGHAT (M.P.)

## Pathological Investigation Report

10-240888

MRS-KIRAN BISEN  
REF. DR:

AGE/SEX - 67

DATE/TIME 09/010/2021

### Test

#### LIPID PROFILE

#### BIOCHEMISTRY

##### Normal range

##### Results

S. Total Cholesterol	125-225	135.6 mg/dl
S.Triglycerides	upto 170	219.2 mg/dl
HDL Cholesterol	35-65	42.1 mg/dl
LDL Cholesterol	upto 140	49.7 mg/dl
VLDL Cholesterol	upto 140	43.8 mg/dl



Mrs. KIRAN BIFAN  
THANE, THANE  
Tel No : 9819609500  
PIN No: 400605  
PID NO: P132100249243  
Age: 67.0 Year(s) Sex: Female



Reference: Dr.PRITESH PUNJABI  
Sample Collected At:  
Thane ghorbunder cc mhl  
201,202 203 kriss korner,opp saraswati  
vidyalay,anandnagar kasarwadawali,tha  
w 400607. zone:c-19a(06)  
400607

VID: 13217430008687  
Registered On:  
16/01/2022 10:04 AM  
Collected On:  
16/01/2022 10:06AM  
Reported On:  
16/01/2022 06:05 PM

Investigation	Observed Value	Unit	Biological Reference Interval
<b>Lipid Profile- 2</b> (Serum,Enzymatic)			
Cholesterol-Total	124	mg/dL	Desirable: < 200 Borderline High:200-239 High: >= 240
Triglycerides	156	mg/dL	Normal: < 150 Borderline High:150-199 High: 200-499 Very High: >= 500
HDL Cholesterol	49	mg/dL	Major risk factor for heart disease: < 40 Negative risk factor for heart disease: >= 60
Non HDL Cholesterol	75.0	mg/dL	Optimal: <130 Desirable: 130-159 Borderline high:159-189 High: 189-220 Very High: >= 220
LDL Cholesterol	43.8	mg/dL	Optimal: <100 Near Optimal:100-129 Borderline high:130-159 High: 160-189 Very High: >= 190
VLDL Cholesterol	31.2	mg/dL	6-38
LDL/HDL RATIO	0.89		2.5-3.5
CHOL/HDL RATIO	2.53		3.5-5

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

VLDL,CHOL/HDL RATIO,LDL/HDL RATIO,LDL Cholesterol,serum,Non HDL Colesterol are calculated parameters



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## Patient Profile ▶ 006

Patient Name	► Mrs. Asha Shrivastava
Age/Sex	► 67 Y/F
City	► Indore (MP)
Mobile No.	► 9617191543
Blood Test Reports for	► Cholesterol
Diagnosis Done By	► Thyrocare, Endocrine Laboratory

Report Done

Before and After Taking **ZERO BLOCK**/ **ZERO BLOCK X**

**Before**

Report Done on Date: 12 February 2022

**After**

Report Done on Date: 14 May 2022



## Result

	Before	After
<b>Total Cholesterol</b>	<b>153</b>	<b>139 mg/dl</b>
<b>HDL</b>	<b>46</b>	<b>48.7 mg/dl</b>
<b>Triglyceride</b>	<b>130</b>	<b>111.4 mg/dl</b>
<b>LDL</b>	<b>95</b>	<b>79.2 mg/dl</b>
<b>VLDL</b>	<b>26</b>	<b>22.28 mg/dl</b>
<b>LDL/ HDL Ratio</b>	<b>2</b>	<b>1.63 Ratio</b>
<b>Total Cholesterol/HDL Ratio</b>	<b>3.3</b>	<b>2.47 Ratio</b>

**PROCESSED AT :****Thyrocare**

103, Kanakia - B. Zillion building,  
lbs marg, kurla (w),  
Mumbai - 400 070

**The Trust. The Truth.**
*Corporate office : Thyrocare Technologies Limited, D-37/3, TTC MIDC, Turbhe, Navi Mumbai - 400 703*
*④ 022 - 3090 0000 / 6712 3400 ⑤ 9870666333 ✉ wellness@thyrocare.com 🌐 www.thyrocare.com*
**REPORT**

**NAME** : ASHA SHRIVASTAVA (67Y/F)  
**REF. BY** : SELF  
**TEST ASKED** : AAROGYAM C  
**PATIENTID** : AS15560267

**SAMPLE COLLECTED AT :**

193, SHYAM NAGAR NX, SUMAN SARI CENTER  
 ABHINANDAN NAGAR MAIN ROAD SUKHALIYA, NEARBY  
 HINGLAJ GARDEN TEMPLE, NEAR JINESHWAR SCHOOL,  
 SUKLIYA, INDORE, MADHYA PRADESH, 452010

TEST NAME	TECHNOLOGY	VALUE	UNITS	NORMAL RANGE
TOTAL CHOLESTEROL	PHOTOMETRY	153	mg/dl	< 200
HDL CHOLESTEROL - DIRECT	PHOTOMETRY	46	mg/dl	40-60
LDL CHOLESTEROL - DIRECT	PHOTOMETRY	95	mg/dl	< 100
TRIGLYCERIDES	PHOTOMETRY	130	mg/dl	< 150
TC/ HDL CHOLESTEROL RATIO	CALCULATED	3.3	Ratio	3 - 5
LDL / HDL RATIO	CALCULATED	2	Ratio	1.5-3.5
VLDL CHOLESTEROL	CALCULATED	26	mg/dl	5 - 40
NON-HDL CHOLESTEROL	CALCULATED	106.7	mg/dl	< 160

**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

LDL/ - DERIVED FROM SERUM HDL AND LDL VALUES

VLDL - DERIVED FROM SERUM TRIGLYCERIDE VALUES

NHDL - DERIVED FROM SERUM CHOLESTEROL AND HDL 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.**
**Sample Collected on (SCT)** : 11 Feb 2022 08:35



**Sample Received on (SRT)** : 12 Feb 2022 19:23



**Report Released on (RRT)** : 12 Feb 2022 22:42

**Sample Type** : SERUM

**Labcode** : 1202090089/MP081 Dr.Prachi Sinkar MD(Path)

Dr.Caesar Sengupta MD(Micro)

**Barcode** : R9826495

Page : 9 of 15


**TEST REPORT**

PRINTED ON : 23-MAY-2022 2:52 PM

**Patient** : MRS. AASHA SHRIWASTAV      **Reg. No.** : 2205109205  
**Age / Gender** : 67 Y / FEMALE      **Reg. Date** : 14-MAY-2022  
**Ref. By** : DR. SELF      **Report Date** : 14-MAY-2022  
**Associate / Lab** : NARMADA DIAGNOSTIC CENTRE-INDORE

**LIPID PROFILE**  
**SPECIMEN: SERUM**

Parameter	Observed Value	Unit	Biological Reference Interval
Total Cholesterol	139	mg/dL	Desirable <200 Borderline high 200 - 240 high >240  Dimension RxL Max (Siemens)
Triglyceride	111.4	mg/dL	<150  Dimension RxL Max (Siemens)
HDL Cholesterol Direct	48.7	mg/dL	45-65  Dimension RxL Max (Siemens)
Direct LDL	79.2	mg/dL	Desirable : < 130.0 Borderline High : 130-159 High : 160-189 Very High : >190.0  Dimension RxL Max (Siemens)
Cholesterol /HDL Ratio	2.47	mg/dL	0 - 5.0  Calculated
LDL / HDL RATIO	1.63	mg/dL	0 - 3.5  Calculated
VLDL	22.28	mg/dL	Desirable < 40 Borderline high 40-80 High 80-200 very high >200  Calculated

Interpretation : "Lipid" is simply a medical term for "fat". A lipid profile measures fatty substances in your blood. Cholesterol is one type of fat. When you eat food containing cholesterol or when your body produces cholesterol and releases it into your bloodstream, the cholesterol will attach to a protein. This package of cholesterol plus a protein is called a lipoprotein (lipid or fat plus protein). A lipid profile measures lipoprotein levels in your blood. (Disclaimer: Information provided here in the remarks section is purely for patient education and should not be used as a substitute for advice of an appropriately qualified and licensed physician or other healthcare provider. We do not take responsibility for any damages with respect to accuracy or use of the information.)

----- End of Report -----

**Dr. Ramu Thakur**  
**MD (PATHOLOGIST)**



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## Patient Profile ▶ 007

Patient Name	▶ Mr. Ratandeep Saxena
Age/Sex	▶ 58 Y/M
City	▶ Bhopal (MP)
Mobile No.	▶ 9753631902
Blood Test Reports for	▶ Cholesterol
Diagnosis Done By	▶ Noble Multispeciality Hospital, Surat Pathology

✓ Report Done

Before and After Taking **ZERO BLOCK**/ **ZERO BLOCK X**

Before

Report Done on Date: 30 October 2019

After

Report Done on Date: 10 December 2019



## Result

	Before	After
<b>Total Cholesterol</b>	<b>257</b>	<b>224.1 mg/dl</b> ↓
<b>HDL</b>	<b>40</b>	<b>42.1 mg/dl</b> ↑
<b>Triglyceride</b>	<b>393</b>	<b>249.9 mg/dl</b> ↓
<b>LDL</b>	<b>138.40</b>	<b>132.02 mg/dl</b> ↓
<b>VLDL</b>	<b>78.60</b>	<b>49.98 mg/dl</b> ↓
<b>LDL/ HDL Ratio</b>	<b>3.46</b>	- Ratio ↓
<b>Total Cholesterol/HDL Ratio</b>	<b>6.42</b>	<b>5.32</b> Ratio ↓

Patient: Mr Ratandeep Saksena  
 Age: 58 Y(s)  
 Sex: Male  
 Category: STAR HEALTH INSURANCE  
 Address: 1,KERWA DAM ROAD BHOPAL  
 UHID:  
 IPD No.  
 MLC #: N/A  
 Mobile #: 9753631902  
 NMH/062549  
 NMH/IP/034514

**PAST HISTORY (ILLNESS & TREATMENT):**

MEDICAL HISTORY:	ALLERGY HISTORY:	SURGICAL HISTORY:
------------------	------------------	-------------------

**INVESTIGATIONS:**

**Pathology**

**CBC/CBP (30-10-2019 8:20 AM)** :- Hemoglobin-9.2, R.B.C Count-4.5, Total WBC Count-7300, Packed Cell Volume-28.6 Mean Corpuscular Volume-63.56, Mean Corpuscular Hemoglobin-20.44, Mean Corpuscular Hb Con.-32.17, Neutrophils-63, Lymphocytes-30, Eosinophil-04, Monocytes-03, Basophils-00, Platelets-1.8

**HB A1C (30-10-2019 8:20 AM)** :- HB A1C-6.9

**Lipid Profile (30-10-2019 8:20 AM)** :-S.Cholesterol-257.0, S.Triglyceride-393.0, HDL Cholesterol-40.0, LDL Cholesterol-138.40, VLDL Cholesterol-78.60, Chylomicrons-, Beta Lipoproteins-, Prebeta Lipoproteins-, LDLC/HDL Ratio-3.46, TC/HDL Ratio-6.42, S.Cholesterol/HDL Ratio-6.42, Remark:-

**Renal Function Test (30-10-2019 8:20 AM)** :- Serum Urea Nitrogen-35.0, Serum Creatinine-1.1

**Liver Function Test (30-10-2019 8:20 AM)** :- Total Bilirubin-0.4, Direct Bilirubin-0.2, Indirect Bilirubin-0.20, SGOT/ AST 27.2, SGPT/ AST-32.5, Alkaline Phosphate-184.2-

**COURSE DURING HOSPITAL STAY:**

PATIENT WAS ADMITTED ON 29.10.19 WITH COMPLAINTS OF GHABRAHAT WITH BREATHING DIFFICULTY WITH WEAKNESS WITH CHEST DISCOMFORT WITH SEVERE DYSLIPEDEMIA WITH IRON DEFICIENCY ANAEMIA WITH NON CARDIAC CHEST PAIN . HE WAS STABILIZED ON MEDICATIONS AND DISCHARGED IN STABLE STATE.

**TREATMENT GIVEN:**

IV FLUIDS, IV ANTIBIOTICS, IV ANTACIDS, SYMPTOMATIC AND SUPPORTIVE TREATMENT

**TREATMENT ON DISCHARGE:**

Rx:

1. Tablet TONACT TG 20 mg- Once a day 7 days
2. Tablet FEFOL - Once a day 7 days
3. Tablet PAN 40 mg - Once a day 7 days
4. Tablet BEPLEX FORT - Once a day 7 days
- 5.

**FOLLOWUP VISIT:**

07-11-2019

**DISCHARGE NOTES:**

VIT D3 AND SERUM IRON REPORT AWAITED,  
REVIEW AFTER 7 DAYS AND SOS WITH REPORT

**OTHER INFORMATION:**

All Discharge Medications, Condition And Precautions, If Any , Is Explained To Me/us/ By The Doctor On Duty And Satisfied With It. हमें हमारी आपा में सरीज की स्थिति , तथा द्रवाइयों के बारे में ड्यूटी डॉक्टर ने विस्तार से समझा दिया है। तथा हम सतुर्ण हैं।

*Ratandeep Saksena*  
Signature of Patient /Relative

*A. S.*  
Signature of Consultant/Unit Head  


Estd.: 1992

## SURAT PATHOLOGY & DIAGNOSTIC CENTRE

Shop No. 86 & 87, Harshvardhan Shopping Complex,

Near Mata Mandir, Bhopal

Ph. No. :-0755-2573609, 9424486032, 9827513636.

**Dr. RISHI NIGAM**

M.B.B.S., D.C.P.

Reg. No. 8801

Name : Mr. R.D.saxena

Age : 58 Years

Sex : Male

Advised By :

Lab No. : 1

Date : 10-Dec-2019

### BIOCHEMISTRY

Test Performed	Value Observed	Reference Range
Blood Glucose,(Fasting)	: 73.1 mg/dl	60 - 110 mg/dl
<b>LIPID PROFILE</b>		
S. Cholesterol	: 224.1 mg/dl	125 - 250 mg/dl
S. Triglycerides	: 249.9 mg/dl	25 - 170 mg/dl
HDL Cholesterol	: 42.1 mg/dl	30 - 60 mg/dl
LDL Cholesterol	: 132.02 mg/dl	65 - 150 mg/dl
VLDL Cholesterol	: 49.98 mg/dl	7 - 35 mg/dl
S.Cholesterol/HDLC Ratio	: 5.32	3 - 6

Note : All investigations have limitations , which are imposed by limits of individual assay procedures as well as the specimen. Isolated laboratory investigations never confirm the final diagnosis, so correlate clinically. This report is not valid for medicolegal Purpose.

PATHOLOGIST

Patient Name	: B.B.Sahay	Date: 25.06.19
Ref. By	: Dr. Prasen Ranjan	Age/Sex : 72 Years
Investigation	: USG Carotid Doppler	

### OBSERVATION

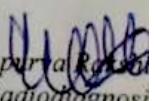
- Bilateral common carotid, internal carotid & external carotid arteries are normal in course, caliber & outline.
- Left IM complexes show normal thickness.
- Right IMT thickened (0.9 mm)
- Right bifurcation shows a echogenic calcified plaque of size 4.7 mm & bilateral proximal ICA & ECA plaques of average size 3.1 mm, 3.9 mm, 5.3 mm.
- Significant percentage stenosis of approx 55% stenosis seen along right proximal ICA with turbulent flow. However no significant PSV changes or waveform alteration seen.
- Bilateral vertebral arteries are normal.

### IMPRESSION:

*Thickened right IMT with calcified plaques at right bifurcation & proximal ICA , ECA with significant stenosis along proximal ICA with turbulent flow. No significant PSV changes or phasic difference seen.*

*ADV- Clinical correlation.*

*Please correlate clinically*

  
Dr. Apurva Ranjan  
MD Radiodiagnosis

Patient Name : B. B. Sahay  
Ref. By Dr. Name : Dr. Prasen Ranjan  
Investigation : USG Carotid Doppler

Date: 23.08.2019

Age : 72 Years/M

**OBSERVATION**

- Bilateral common carotid, internal carotid & external carotid arteries are normal in course caliber & outline.
- Left IM complexes show normal thickness.
- Right IMT thickened (0.8 mm).
- Right bifurcation shows a echogenic **calcified plaque of size 6.9x4.9mm & right proximal ICA plaques of average size 3.5mm & 3.1mm**
- Mild significant percentage stenosis of approx 34% stenosis seen along right proximal ICA with turbulent flow. However, no significant PSV changes or waveform alteration seen.
- Bilateral vertebral arteries are normal.

**IMPRESSION:**

**Thickened right IMT with calcified plaque of size 6.9x4.9mm & right proximal ICA plaques average size 3.5mm & 3.1mm. Mild significant percentage stenosis of approx 34% stenosis seen along right proximal ICA with turbulent flow. However, no significant PSV changes or waveform alteration seen.**

**Adv-** Clinical correlation.

Dr. Apurva Ranjan,  
MD Radiodiagnosis

