

**ADVANCE DIAGNOSTICS CENTRE**

C1-C2/17A, NEAR NIHARIKA TALKIES

KORBA- 495677

PH-09228333 MOBILE-9300888178

NAME : MR RAHUL KUMAR

35 Years / Male

Reg No. : 17564

Ref. By : . SELF

Reg. Date : 20/07/2022 09:52AM

Address :

Collected At : MedZone Center

**INVESTIGATION REPORT****CLINICAL BIOCHEMISTRY**

| TEST                    | RESULT   | UNIT  | BIOLOGICAL REF RANGE                                                                               | TEST METHOD      |
|-------------------------|----------|-------|----------------------------------------------------------------------------------------------------|------------------|
| <b>Lipid Profile</b>    |          |       |                                                                                                    |                  |
| Sample Type             | : SERUM  |       |                                                                                                    |                  |
| Cholesterol Total       | : 181.3  | mg/dl | Desirable : < 200<br>Moderate Risk : 200 - 239<br>High Risk : > 240                                | CHOD-PAP         |
| Cholesterol HDL         | : 42.2   | mg/dl | Desirable : > 37<br>Moderate Risk : 25 - 37<br>High Risk : < 12 - 18                               | Direct Clearance |
| Cholesterol LDL         | : 107.66 | mg/dl | Desirable : < 130<br>Moderate Risk : 130 - 159<br>High Risk : > 160                                | Direct Clearance |
| Cholesterol VLDL        | : 31.44  | mg/dl | 6 - 40                                                                                             |                  |
| Triglycerides           | : 157.2  | mg/dl | < 160 : Normal<br>160 - 400 : Slightly Elevated<br>400 - 600 : Elevated<br>> 600 : Highly Elevated | GPO              |
| T.Chol / HDL Chol Ratio | : 4.3    |       | 2.9 - 5.1                                                                                          |                  |
| LDL / HDL Ratio         | : 2.55   |       | 1.7 - 3.5                                                                                          |                  |

**NOTE : Lipid Profile RANGES AS PER NCEP-ATP III are:**

Serum cholesterol (Total) :

Desirable : < 200 mg/dl, Borderline : 200 - 239 mg/dl, Elevated :  $\geq$  240 mg/dl

Serum high density lipoprotein cholesterol(HDL) :

Desirable : &gt; 60 mg/dl, Borderline : 40- 60 mg/dl, Elevated : 40 mg/dl

Total cholesterol : HDL cholesterol ratio :

Low risk : 3.3-4.4, Average risk : 4.4-7.1, Moderate risk : 7.1-11.0, High risk :  $\geq$  11.0

Serum low density lipoprotein (LDL) cholesterol :

Desirable : 100 mg/dl, Borderline : 100- 159 mg/dl, Elevated :  $\geq$  160 mg/dl

Triglycerides :

Desirable : 150 mg/dl, Borderline : 150- 199 mg/dl, High : 200 - 499 mg/dl, Very High :  $\geq$  500 mg/dl

HDL measurement done by Direct HDL clearance method (CDC approved).

As per the Friedwald Equation, VLDL &amp; LDL values are not applicable for triglyceride values above 400 mg/dl.

--- End Of Report ---

Sample Registered On : 20/07/2022 09:52AM

Sample Received On : 20/07/2022 09:57AM

Report Released On : 20/07/2022 02:20PM

Sample Barcode :



Checked By: VIVEK

Dr. VANDANA CHANDANI