

**LABORATORY TEST REPORT**

|                    |                                      |               |                        |
|--------------------|--------------------------------------|---------------|------------------------|
| Name               | : Mr. L SUMAN                        |               |                        |
| Sample ID          | : A1307945                           |               |                        |
| Age/Gender         | : 51 Years/Male                      | Reg. No       | : 0312412020003        |
| Referred by        | : Dr. SELF                           | SPP Code      | : SPL-CV-172           |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS         | Collected On  | : 02-Dec-2024 09:06 AM |
| Primary Sample     | : Whole Blood                        | Received On   | : 02-Dec-2024 12:56 PM |
| Sample Tested In   | : Serum                              | Reported On   | : 02-Dec-2024 02:26 PM |
| Client Address     | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report         |


**CLINICAL BIOCHEMISTRY**

| Test Name | Results | Units | Biological Reference Interval |
|-----------|---------|-------|-------------------------------|
|-----------|---------|-------|-------------------------------|

**Lipid Profile**

|                                                                                                                                        |      |       |       |
|----------------------------------------------------------------------------------------------------------------------------------------|------|-------|-------|
|  Cholesterol Total<br>(Method: CHOD-POD)                | 136  | mg/dL | < 200 |
|  Triglycerides-TGL<br>(Method: GPO-POD)                 | 104  | mg/dL | < 150 |
|  Cholesterol-HDL<br>(Method: Direct)                    | 48   | mg/dL | 40-60 |
|  Cholesterol-LDL<br>(Method: Calculated)                | 67.2 | mg/dL | < 100 |
|  Cholesterol- VLDL<br>(Method: Calculated)             | 20.8 | mg/dL | 7-35  |
|  Non HDL Cholesterol<br>(Method: Calculated)          | 88   | mg/dL | < 130 |
|  Cholesterol Total /HDL Ratio<br>(Method: Calculated) | 2.83 | %     | 0-4.0 |
|  HDL / LDL Ratio                                      | 0.71 |       |       |
|  LDL/HDL Ratio<br>(Method: Calculated)                | 1.4  | %     | 0-3.5 |

The National Cholesterol Education program's third Adult Treatment Panel (ATPIII) has issued its recommendations on evaluating and treating lipid disorders for primary and secondary.

| NCEP Recommendations | Cholesterol Total in (mg/dL)       | Triglycerides in (mg/dL) | HDL Cholesterol (mg/dL) | LDL Cholesterol in (mg/dL)          | Non HDL Cholesterol in (mg/dL) |
|----------------------|------------------------------------|--------------------------|-------------------------|-------------------------------------|--------------------------------|
| Optimal              | Adult: < 200<br>Children: < 170    | < 150                    | 40-59                   | Adult:<100<br>Children: <110        | <130                           |
| Above Optimal        | -----                              | -----                    |                         | 100-129                             | 130 - 159                      |
| Borderline High      | Adult: 200-239<br>Children:171-199 | 150-199                  |                         | Adult: 130-159<br>Children: 111-129 | 160 - 189                      |
| High                 | Adult:>or=240<br>Children:>or=200  | 200-499                  | ≥ 60                    | Adult:160-189<br>Children:>or=130   | 190 - 219                      |
| Very High            | -----                              | >or=500                  |                         | Adult: >or=190<br>-----             | >=220                          |

**Note:** LDL cholesterol cannot be calculated if triglyceride is >400 mg/dL (Friedewald's formula). Calculated values not provided for LDL and VLDL

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



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**DR.VAISHNAVI**  
**MD BIOCHEMISTRY**