



**REPORT**

|                    |                                       |               |                        |
|--------------------|---------------------------------------|---------------|------------------------|
| Name               | : Mr. B RAMESH                        | Sample ID     | : 24753758             |
| Age/Gender         | : 46 Years/Male                       | Reg. No       | : 0312311250002        |
| Referred by        | : Dr. SELF                            | SPP Code      | : SPL-CV-172           |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS          | Collected On  | : 25-Nov-2023 09:07 AM |
| Primary Sample     | : Whole Blood                         | Received On   | : 25-Nov-2023 12:28 PM |
| Sample Tested In   | : Whole Blood EDTA                    | Reported On   | : 25-Nov-2023 03:28 PM |
| Client Address     | : Kimtee colony ,Gokul Nagar ,Tarnaka | Report Status | : Final Report         |

**CLINICAL BIOCHEMISTRY**

| Test Name                          | Results       | Units        | Ref. Range   | Method     |
|------------------------------------|---------------|--------------|--|------------|
| <b>Glycated Hemoglobin (HbA1c)</b> | <b>7.1</b>    | <b>%</b>     | Non Diabetic:< 5.7<br>Pre diabetic: 5.7-6.4<br>Diabetic:>= 6.5 | HPLC       |
| <b>Mean Plasma Glucose</b>         | <b>157.07</b> | <b>mg/dL</b> |  | Calculated |

**Interpretation:**

- Glycated hemoglobins (GHb), also called glycohemoglobins, are substances formed when glucose binds to hemoglobin, and occur in amounts proportional to the concentration of serum glucose. Since red blood cells survive an average of 120 days, the measurement of GHb provides an index of a person's average blood glucose concentration (glycemia) during the preceding 2-3 months. Normally, only 4% to 6% of hemoglobin is bound to glucose, while elevated glycohemoglobin levels are seen in diabetes and other hyperglycemic states
- Mean Plasma Glucose(MPG):This Is Mathematical Calculations Where Glycated Hb Can Be Correlated With Daily Mean Plasma Glucose Level

Result rechecked and verified for abnormal cases

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

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*Dr. Vaishnavi*  
**DR. VAISHNAVI**  
**MD BIOCHEMISTRY**

**REPORT**

|                    |                                      |               |                        |
|--------------------|--------------------------------------|---------------|------------------------|
| Name               | : Mr. B RAMESH                       | Sample ID     | : 24753755             |
| Age/Gender         | : 46 Years/Male                      | Reg. No       | : 0312311250002        |
| Referred by        | : Dr. SELF                           | SPP Code      | : SPL-CV-172           |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS         | Collected On  | : 25-Nov-2023 09:07 AM |
| Primary Sample     | : Whole Blood                        | Received On   | : 25-Nov-2023 12:28 PM |
| Sample Tested In   | : Serum                              | Reported On   | : 25-Nov-2023 01:54 PM |
| Client Address     | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report         |

**CLINICAL BIOCHEMISTRY**

| Test Name                    | Results | Units | Ref. Range | Method     |
|------------------------------|---------|-------|------------|------------|
| <b>Lipid Profile</b>         |         |       |            |            |
| Cholesterol Total            | 173     | mg/dL | < 200      | CHOD-POD   |
| Triglycerides-TGL            | 345     | mg/dL | < 150      | GPO-POD    |
| Cholesterol-HDL              | 38      | mg/dL | 40-60      | Direct     |
| Cholesterol-LDL              | 66      | mg/dL | < 100      | Calculated |
| Cholesterol- VLDL            | 69      | mg/dL | 7-35       | Calculated |
| Non HDL Cholesterol          | 135     | mg/dL | < 130      | Calculated |
| Cholesterol Total /HDL Ratio | 4.55    | %     | 0-4.0      | Calculated |
| HDL / LDL Ratio              | 0.58    |       |            |            |
| LDL/HDL Ratio                | 1.74    | %     | 0-3.5      | Calculated |

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

Correlate Clinically.

Result rechecked and verified for abnormal cases  
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\*\*\* End Of Report \*\*\*



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