

**REPORT**

|                    |                                       |               |                        |
|--------------------|---------------------------------------|---------------|------------------------|
| Name               | : Mr. KRISHNA                         | Sample ID     | : A0093629             |
| Age/Gender         | : 31 Years/Male                       | Reg. No       | : 0312403010004        |
| Referred by        | : Dr. SELF                            | SPP Code      | : SPL-CV-172           |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS          | Collected On  | : 01-Mar-2024 08:29 AM |
| Primary Sample     | : Whole Blood                         | Received On   | : 01-Mar-2024 12:35 PM |
| Sample Tested In   | : Whole Blood EDTA                    | Reported On   | : 01-Mar-2024 02:02 PM |
| Client Address     | : Kimtee colony ,Gokul Nagar, Tarnaka | Report Status | : Final Report         |

**HAEMATOLOGY**

| Test Name                                | Results  | Units               | Ref. Range | Method         |
|--|--|---------------------|------------|----------------|
| <b>Complete Blood Picture(CBP)</b>       |  |                     |            |                |
| Haemoglobin (Hb)                         | 13.9   | g/dL                | 13-17      | Cynmeth Method |
| Haematocrit (HCT)                        | 44.0   | %                   | 40-50      | Calculated     |
| RBC Count                                | <b>7.52</b>  | 10 <sup>12</sup> /L | 4.5-5.5    | Cell Impedence |
| MCV                                      | <b>59</b>  | fl                  | 81-101     | Calculated     |
| MCH                                      | <b>18.4</b>  | pg                  | 27-32      | Calculated     |
| MCHC                                     | <b>31.5</b>  | g/dL                | 32.5-34.5  | Calculated     |
| RDW-CV                                   | <b>16.8</b>  | %                   | 11.6-14.0  | Calculated     |
| Platelet Count (PLT)                     | 186  | 10 <sup>9</sup> /L  | 150-410    | Cell Impedence |
| Total WBC Count                          | <b>10.4</b>  | 10 <sup>9</sup> /L  | 4.0-10.0   | Impedence      |
| <b>Differential Leucocyte Count (DC)</b> |  |                     |            |                |
| Neutrophils                              | 66   | %                   | 40-70      | Cell Impedence |
| Lymphocytes                              | 27   | %                   | 20-40      | Cell Impedence |
| Monocytes                                | 04   | %                   | 2-10       | Microscopy     |
| Eosinophils                              | 03   | %                   | 1-6        | Microscopy     |
| Basophils                                | 0  | %                   | 1-2        | Microscopy     |
| Absolute Neutrophils Count               | 6.86   | 10 <sup>9</sup> /L  | 2.0-7.0    | Impedence      |
| Absolute Lymphocyte Count                | 2.81   | 10 <sup>9</sup> /L  | 1.0-3.0    | Impedence      |
| Absolute Monocyte Count                  | 0.42   | 10 <sup>9</sup> /L  | 0.2-1.0    | Calculated     |
| Absolute Eosinophils Count               | 0.31   | 10 <sup>9</sup> /L  | 0.02-0.5   | Calculated     |
| Absolute Basophil ICount                 | 0.00   | 10 <sup>9</sup> /L  | 0.0-0.3    | Calculated     |
| Morphology                               | Anisocytosis Normocytic normochromic with few microcytic hypochromic and Mild Leucocytosis |                     |            | PAPs Staining  |



Swannabala - M  
DR.SWARNA BALA  
MD PATHOLOGY

**REPORT**

|                    |                                      |               |                        |
|--------------------|--------------------------------------|---------------|------------------------|
| Name               | : Mr. KRISHNA                        | Sample ID     | : A0093630, A0093629   |
| Age/Gender         | : 31 Years/Male                      | Reg. No       | : 0312403010004        |
| Referred by        | : Dr. SELF                           | SPP Code      | : SPL-CV-172           |
| Referring Customer | : V CARE MEDICAL DIAGNOSTICS         | Collected On  | : 01-Mar-2024 08:29 AM |
| Primary Sample     | : Whole Blood                        | Received On   | : 01-Mar-2024 12:35 PM |
| Sample Tested In   | : Plasma-NaF(F), Whole Blood EDT     | Reported On   | : 01-Mar-2024 02:57 PM |
| Client Address     | : Kimtee colony ,Gokul Nagar,Tarnaka | Report Status | : Final Report         |

**CLINICAL BIOCHEMISTRY**

| Test Name                  | Results    | Units | Ref. Range | Method  |
|----------------------------|------------|-------|------------|---------|
| <b>Glucose Fasting (F)</b> | <b>135</b> | mg/dL | 70-100     | GOD-POD |

Interpretation of Plasma Glucose based on ADA guidelines 2018

| Diagnosis   | FastingPlasma Glucose(mg/dL) | 2hrsPlasma Glucose(mg/dL) | HbA1c(%) | RBS(mg/dL)           |
|-------------|------------------------------|---------------------------|----------|----------------------|
| Prediabetes | 100-125                      | 140-199                   | 5.7-6.4  | NA                   |
| Diabetes    | > = 126                      | > = 200                   | > = 6.5  | >=200(with symptoms) |

Reference: Diabetes care 2018:41(suppl.1):S13-S27

|                                    |            |       |  |            |
|------------------------------------|------------|-------|--|------------|
| <b>Glycated Hemoglobin (HbA1c)</b> | <b>8.3</b> | %     | Non Diabetic:< 5.7<br>Pre diabetic: 5.7-6.4<br>Diabetic:>= 6.5 | HPLC       |
| <b>Mean Plasma Glucose</b>         | 191.51     | mg/dL |  | 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

Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

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



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MD BIOCHEMISTRY