

### LABORATORY REPORT

|              |                                           |                 |                               |
|--------------|-------------------------------------------|-----------------|-------------------------------|
| Name         | : MAYCORE CALING RUEL                     | File. No.       | : AAL02-422775                |
| DOB/Gender   | : 23-05-1987 (37 Yrs 5 Month 6 Days/Male) | Referral Doctor | : Dr. Enomen Goodluck Ekata   |
| Lab No.      | : 22243030179                             | Referral Clinic | : Citicare Medical Center LLC |
| Request Date | : 29-10-2024 14:03:18                     | Clinic File No  | : 44714                       |
| Insurance    | : NAS ADMINISTRATION SERVICES LTD         |                 |                               |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result             | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|--------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                    |                     |              |                                      |
| RBC                                                        | 4.63               | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 13.9               | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 41.3               | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 89.2               | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 30.0               | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 33.7               | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 269                | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| WBC                                                        | 11.10 <sup>H</sup> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                    |                     |              |                                      |
| Neutrophils                                                | 38.7 <sup>L</sup>  | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 35.2               | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 8.5                | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 17.1 <sup>H</sup>  | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.5                | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0                | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                    |                     |              |                                      |
| Neutrophils (Absolute)                                     | 4.30               | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.91 <sup>H</sup>  | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.94               | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 1.90 <sup>H</sup>  | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.05               | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00               | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |

#### Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2012 unless specified by (\*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

**Dr. Solmaz Siddiqui**  
Laboratory Director  
DHA/LS/248469

Patient Sample Collected On : 29-10-2024 02:56:00  
Authenticated On : 29-10-2024 15:45:49

Received On : 29-10-2024 14:03:00  
Released On : 29-10-2024 16:09:38

*Pring*

**Padmapriya Kumareshan**  
Sr. Technician  
DHA-P-2992011

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**LIPID PROFILE I  
CLINICAL BIOCHEMISTRY**

| Test Name                                          | Result              | Units | Ref. Range                                                                                                            | Method                                     |
|----------------------------------------------------|---------------------|-------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Cholesterol</b>                                 | 146.00              | mg/dL | Desirable: < 200<br>Borderline: 200-239<br>High: >or =240                                                             | Enzymatic-<br>Cholesterol<br>esterase      |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                       |                                            |
| <b>Triglycerides</b>                               | 220.00 <sup>H</sup> | mg/dL | NCEP Adult Treatment Panel<br>Normal: <150<br>Borderline: 150 - 199<br>High: 200-499<br>Very High: >or =500           | Enzymatic GPO                              |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                       |                                            |
| <b>HDL Cholesterol</b>                             | 34.20 <sup>L</sup>  | mg/dL | Major Risk: < 40                                                                                                      | Homogeneous<br>enzymatic-CHER<br>& CHOD    |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                       |                                            |
| <b>LDL Cholesterol</b>                             | 85.90               | mg/dL | Optimal: < 100<br>Near or above optimal: 100-129<br>Borderline High: 130 - 159<br>High: 160-189<br>Very High: >or=190 | Homo. Enz, Liq.<br>Selective<br>Surfactant |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                       |                                            |
| <b>*VLDL</b>                                       | 25.90               | mg/dL | 5.0 - 30.0                                                                                                            | Calculation                                |
| <b>*Cholesterol / HDL</b>                          | 4.27                | Ratio | Desirable: < 4.5<br>Borderline: 4.5 - 6<br>Undesirable: >6                                                            | Calculation                                |

**Remarks:**

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

----- End Of Report -----

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Reference range related to Age/Gender.

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