

### LABORATORY REPORT

|              |                                               |                 |                               |
|--------------|-----------------------------------------------|-----------------|-------------------------------|
| Name         | : MYLA GONZALES ELIZARIO                      | File. No.       | : AAL02-391247                |
| DOB/Gender   | : 28-12-1981 (42 Yrs 11 Month 24 Days/Female) | Referral Doctor | : Dr. Enomen Goodluck Ekata   |
| Lab No.      | : 22243400343                                 | Referral Clinic | : Citicare Medical Center LLC |
| Request Date | : 05-12-2024 19:42:04                         | Clinic File No  | : 37988                       |
| Insurance    | : NATIONAL GENERAL INSURANCE (HEALTHNET)      |                 |                               |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 3.88              | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 11.7 <sup>L</sup> | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 35.5 <sup>L</sup> | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 91.5              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 30.2              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 33.0              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 285               | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| WBC                                                        | 8.16              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 54.8              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 34.2              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 8.6               | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 1.8               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.6               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 4.47              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 2.79              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.70              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.15              | 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.

These tests are accredited under ISO 15189:2022 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 : 04-12-2024 21:03:00  
Authenticated On : 05-12-2024 23:48:44

Received On : 05-12-2024 19:42:00  
Released On : 05-12-2024 23:54:17



**Esmeralda Obenita**  
Lab Incharge  
DHA-P-2992011

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| Test Name | Result | Units | Ref. Range | Method |
|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name                                          | Result             | Units | Ref. Range                                                                                                                | Method   |
|----------------------------------------------------|--------------------|-------|---------------------------------------------------------------------------------------------------------------------------|----------|
| Calcium                                            | 9.06               | mg/dL | 8.6 - 10.3                                                                                                                | NM-BAPTA |
| Please note Reference Range Reviewed w.ef 15/10/23 |                    |       |                                                                                                                           |          |
| Vitamin D, 25-OH (Total)                           | 24.80 <sup>L</sup> | ng/mL | Deficiency: < 20<br>Insufficiency: 20 - 30<br>Sufficiency: 30 - 50<br>Optimal: 50 - 100<br>Excess: >100<br>Toxicity: >150 | ECLIA    |

Conversion Formula: (Concentration in ng/mL) x (2.5) = nmol/L.

Vitamin D3 and Vitamin D2 are the most abundant forms of Vitamin D in the body. Vitamin D3 is synthesized in the skin from 7-dehydrocholesterol in response to sunlight. The best nutrition sources of D3 are oily fish primary salmon and mackerel. Vitamin D2' nutrition sources are from some vegetables, yeast and fungi. The vegetarian diet is abundant in Vitamin D2.

Vitamin D (D3, D2 and metabolites) is converted to 25-hydroxyvitamin D in the liver. The measurement of 25-OH vitamin D concentration in the serum or plasma is the best indicator of vitamin D nutritional status.

Vitamin D deficiency is commonly treated with vitamin D2 or D3 medications. Fortified foods and nutrition supplements may contain either form. Please note

Reference Range Reviewed w.ef 15/10/23 .

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Sample Type : Serum

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Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

**IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES**

| Test Name                      | Result | Units | Ref. Range | Method              |
|--------------------------------|--------|-------|------------|---------------------|
| <b>*Rheumatoid Factor (RF)</b> | 11.60  | IU/mL | <14        | Immunoturbidimetric |

The measurement of rheumatoid factor is useful in evaluating the diagnosis, effects of therapy, and prognosis of diseases such as rheumatoid arthritis, systemic lupus erythematosus, Sjögren's syndrome, cryoglobulinemia, and chronic hepatopathy. Please note Reference Range Reviewed w.ef 15/10/23  
Sample Type : Serum

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

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