



# **Laboratory Investigation Report**

Name Miss. SIRI SANGBONG

DOB 22/05/1987 Age / Gender 36 Y / Female

Referred by Dr. Enomen Goodluck Ekata Peshawar Medical Center LLC Centre

Ref No.

Sample No. 2404399621

Collected Registered 29/04/2024 12:30 29/04/2024 22:38

Reported

30/04/2024 07:53

#### **BIOCHEMISTRY**

Test Result Flag Unit **Reference Range** Methodology **C-REACTIVE PROTEIN (CRP)** mg/L Immunoturbidimetry 1.9 < 5.0

Sample Type : Serum

End of Report



**Dr. Adley Mark Fernandes** M.D (Pathology) **Pathologist** 

This is an electronically authenticated report

P.O Box: 49527

Dr. Vyoma V Shah M.D (Pathology) **Clinical Pathologist** 

Page 1 of 4

**ELOISA MAY DELMO Laboratory Technologist** 

Printed on: 30/04/2024 10:41

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Dubai, UAE





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| HEMATOLOGY                     |             |                |                 |                                   |
|--------------------------------|-------------|----------------|-----------------|-----------------------------------|
| Test                           | Result Flag | Unit           | Reference Range | Methodology                       |
| COMPLETE BLOOD COUNT (CBC)     |             |                |                 |                                   |
| HEMOGLOBIN                     | 12.7        | g/dL           | 12 - 15.5       | Spectrophotometry (Oxyhemoglobin) |
| RBC COUNT                      | 4.6         | 10^6/μL        | 3.9 - 5         | Electrical Impedance              |
| HEMATOCRIT                     | 38.7        | %              | 35 - 45         | Calculation                       |
| MCV                            | 83.7        | fL             | 82 - 98         | Calculation                       |
| МСН                            | 27.4        | pg             | 27 - 32         | Calculation                       |
| МСНС                           | 32.7        | g/dL           | 32 - 37         | Calculation                       |
| RDW                            | 13          | %              | 11.9 - 15.5     | Calculation                       |
| RDW-SD                         | 38.1        | fL             |                 | Calculation                       |
| MPV                            | 9           | fL             | 7.6 - 10.8      | Calculation                       |
| PLATELET COUNT                 | 316         | 10^3/μL        | 150 - 450       | Electrical Impedance              |
| PCT                            | 0.3         | %              | 0.01 - 9.99     | Calculation                       |
| PDW                            | 16.4        | Not Applicable | 0.1 - 99.9      | Calculation                       |
| NUCLEATED RBC (NRBC)^          | 0.2         | /100 WBC       |                 | Flow Cytometry                    |
| ABSOLUTE NRBC COUNT^           | 0.01        | 10^3/uL        |                 | Calculation                       |
| EARLY GRANULOCYTE COUNT (EGC)^ | 0.7         | %              |                 | Flow Cytometry                    |
| ABSOLUTE EGC^                  | 0           | 10^3/uL        |                 | Calculation                       |
| WBC COUNT                      | 6           | 10^3/μL        | 4 - 11          | Electrical Impedance              |
| DIFFERENTIAL COUNT (DC)        |             |                |                 |                                   |
| NEUTROPHILS                    | 43          | %              | 40 - 75         | Flow Cytometry                    |
| LYMPHOCYTES                    | 48          | %              | 30 - 60         | Flow Cytometry                    |
| EOSINOPHILS                    | 3           | %              | 0 - 6           | Flow Cytometry                    |
| MONOCYTES                      | 6           | %              | 1 - 6           | Flow Cytometry                    |
| BASOPHILS                      | 0           | %              | 0 - 1           | Flow Cytometry                    |
| ABSOLUTE COUNT                 |             |                |                 |                                   |
| ABSOLUTE NEUTROPHIL COUNT      | 2.5         | 10^3/uL        | 1.6 - 8.25      | Calculation                       |
| ABSOLUTE LYMPHOCYTE COUNT      | 2.9         | 10^3/uL        | 1.2 - 6.6       | Calculation                       |
| ABSOLUTE MONOCYTE COUNT        | 0.4         | 10^3/uL        | 0.04 - 0.66     | Calculation                       |
| ABSOLUTE EOSINOPHIL COUNT      | 0.2         | 10^3/uL        | 0 - 0.66        | Calculation                       |
| ABSOLUTE BASOPHIL COUNT        | 0.0         | 10^3/uL        | 0 - 0.11        | Calculation                       |

**Dr. Adley Mark Fernandes** Dr. Vyoma V Shah M.D (Pathology) M.D (Pathology) **Pathologist Clinical Pathologist** 

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**MUBASHER ZAHOOR Laboratory Technologist** Printed on: 30/04/2024 10:41

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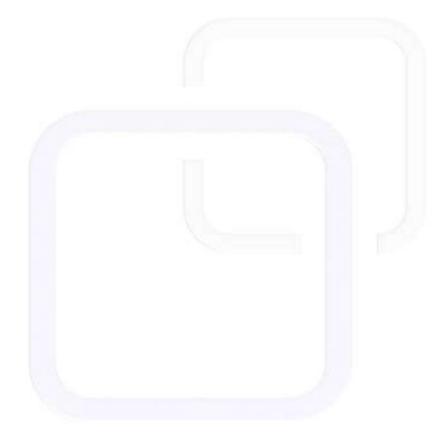
**HEMATOLOGY** 

Test Result Flag Unit Reference Range Methodology

**COMPLETE BLOOD COUNT (CBC)** 

Name

Interpretation Notes: Please note update on CBC report format and changes in reference ranges.



Dr. Adley Mark Fernandes M.D (Pathology) Pathologist

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#### **HAEMATOLOGY**

Flag Unit **Reference Range** Result Methodology **Test ERYTHROCYTE SEDIMENTATION RATE (ESR)** mm/hr < 20 **Automated** 20

> Please note change in reference range and method.

#### Interpretation Notes:

Name

Increased ESR is seen in inflammation, pregnancy, anemia, autoimmune disorders (such as rheumatoid arthritis and lupus), infections, some kidney diseases and some cancers (such as lymphoma and multiple myeloma).

The ESR is decreased in polycythemia, hyperviscosity, sickle cell anemia, leukemia, low plasma protein (due to liver or kidney disease), congestive heart failure,

hypofibrinogenemia and leukocytosis. Sample Type : EDTA Whole Blood

End of Report



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