



BML493899

## Laboratory Investigation Report

**Name** : Mr. AHMAD ALKORDI  
**DOB** : 25/01/2008  
**Age / Gender** : 16 Y / Male  
**Referred by** : Dr. Enomen Goodluck Ekata  
**Centre** : CITICARE MEDICAL CENTER

**Ref No.** : 45018  
**Sample No.** : 2411504833  
**Collected** : 25/11/2024 21:02  
**Registered** : 26/11/2024 16:42  
**Reported** : 26/11/2024 18:39

### HEMATOLOGY

| Test                              | Result | Flag | Unit                | Reference Range | Methodology          |
|-----------------------------------|--------|------|---------------------|-----------------|----------------------|
| <b>COMPLETE BLOOD COUNT (CBC)</b> |        |      |                     |                 |                      |
| HEMOGLOBIN                        | 16.2   |      | g/dL                | 13.5 - 17.5     | Photometric          |
| RBC COUNT                         | 5.6    |      | 10 <sup>6</sup> /μL | 4.3 - 5.7       | Electrical Impedance |
| HEMATOCRIT                        | 44.7   |      | %                   | 38 - 50         | Calculation          |
| MCV                               | 80.4   | L    | fL                  | 82 - 98         | Calculation          |
| MCH                               | 29.1   |      | pg                  | 27 - 32         | Calculation          |
| MCHC                              | 36.1   |      | g/dL                | 32 - 37         | Calculation          |
| RDW                               | 12.6   |      | %                   | 11.8 - 15.6     | Calculation          |
| RDW-SD                            | 35.9   |      | fL                  |                 | Calculation          |
| MPV                               | 10     |      | fL                  | 7.6 - 10.8      | Calculation          |
| PLATELET COUNT                    | 250    |      | 10 <sup>3</sup> /uL | 150 - 450       | Electrical Impedance |
| PCT                               | 0.3    |      | %                   | 0.01 - 9.99     | Calculation          |
| PDW                               | 16.8   |      | Not Applicable      | 0.1 - 99.9      | Calculation          |
| NUCLEATED RBC (NRBC)^             | 0.7    |      | /100 WBC            |                 | VCS 360 Technology   |
| ABSOLUTE NRBC COUNT^              | 0.05   |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| EARLY GRANULOCYTE COUNT (EGC)^    | 0.1    |      | %                   |                 | VCS 360 Technology   |
| ABSOLUTE EGC^                     | 0.0    |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| WBC COUNT                         | 7.5    |      | 10 <sup>3</sup> /μL | 4 - 11          | Electrical Impedance |
| <b>DIFFERENTIAL COUNT (DC)</b>    |        |      |                     |                 |                      |
| NEUTROPHILS                       | 48     |      | %                   | 40 - 75         | VCS 360 Technology   |
| LYMPHOCYTES                       | 41     |      | %                   | 30 - 60         | VCS 360 Technology   |
| EOSINOPHILS                       | 5      |      | %                   | 0 - 6           | VCS 360 Technology   |
| MONOCYTES                         | 6      |      | %                   | 1 - 6           | VCS 360 Technology   |
| BASOPHILS                         | 0      |      | %                   | 0 - 1           | VCS 360 Technology   |
| <b>ABSOLUTE COUNT</b>             |        |      |                     |                 |                      |
| ABSOLUTE NEUTROPHIL COUNT         | 3.5    |      | 10 <sup>3</sup> /uL | 1.6 - 8.25      | Calculation          |
| ABSOLUTE LYMPHOCYTE COUNT         | 3.0    |      | 10 <sup>3</sup> /uL | 0.8 - 4.95      | Calculation          |
| ABSOLUTE MONOCYTE COUNT           | 0.5    |      | 10 <sup>3</sup> /uL | 0.04 - 0.66     | Calculation          |
| ABSOLUTE EOSINOPHIL COUNT         | 0.4    |      | 10 <sup>3</sup> /uL | 0 - 0.66        | Calculation          |
| ABSOLUTE BASOPHIL COUNT           | 0.0    |      | 10 <sup>3</sup> /uL | 0 - 0.11        | Calculation          |

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

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

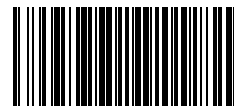
  
**Thahsina Anees**  
**Laboratory Technologist**  
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Page 1 of 2

Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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|------|--------|------|------|-----------------|-------------|
|------|--------|------|------|-----------------|-------------|

COMPLETE BLOOD COUNT (CBC)

#### INTERPRETATION NOTES :

Please note update on CBC report format, reference ranges and method(Beckman Coulter).

Sample Type : EDTA Whole Blood

End of Report

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

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

*Thahsina Anees*  
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