



BML450906

## Laboratory Investigation Report

**Name** : Mr. MUHAMMAD RAFI MUHAMMAD SHAFI  
**DOB** : 17/01/1982  
**Age / Gender** : 42 Y / Male  
**Referred by** : DR ENOMEN  
**Centre** : CITICARE MEDICAL CENTER

**Ref No.** : 40895  
**Sample No.** : 2408460921  
**Collected** : 11/08/2024 10:45  
**Registered** : 11/08/2024 13:07  
**Reported** : 11/08/2024 14:26

### HEMATOLOGY

| Test                                       | Result | Flag | Unit                | Reference Range | Methodology          |
|--------------------------------------------|--------|------|---------------------|-----------------|----------------------|
| <b>COMPLETE BLOOD COUNT (CBC)</b>          |        |      |                     |                 |                      |
| HEMOGLOBIN                                 | 14.2   |      | g/dL                | 13.5 - 17.5     | Photometric          |
| RBC COUNT                                  | 4.7    |      | 10 <sup>6</sup> /μL | 4.3 - 5.7       | Electrical Impedance |
| HEMATOCRIT                                 | 41     |      | %                   | 38 - 50         | Calculation          |
| MCV                                        | 88     |      | fL                  | 82 - 98         | Calculation          |
| MCH                                        | 30     |      | pg                  | 27 - 32         | Calculation          |
| MCHC                                       | 34     |      | g/dL                | 32 - 37         | Calculation          |
| RDW                                        | 13.2   |      | %                   | 11.8 - 15.6     | Calculation          |
| RDW-SD                                     | 40.7   |      | fL                  |                 | Calculation          |
| MPV                                        | 9.8    |      | fL                  | 7.6 - 10.8      | Calculation          |
| PLATELET COUNT                             | 184    |      | 10 <sup>3</sup> /uL | 150 - 450       | Electrical Impedance |
| PCT                                        | 0.2    |      | %                   | 0.01 - 9.99     | Calculation          |
| PDW                                        | 17.0   |      | Not Applicable      | 0.1 - 99.9      | Calculation          |
| NUCLEATED RBC (NRBC) <sup>^</sup>          | 0.1    |      | /100 WBC            |                 | VCS 360 Technology   |
| ABSOLUTE NRBC COUNT <sup>^</sup>           | 0.01   |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| EARLY GRANULOCYTE COUNT (EGC) <sup>^</sup> | 0.2    |      | %                   |                 | VCS 360 Technology   |
| ABSOLUTE EGC <sup>^</sup>                  | 0.0    |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| WBC COUNT                                  | 7.8    |      | 10 <sup>3</sup> /μL | 4 - 11          | Electrical Impedance |
| <b>DIFFERENTIAL COUNT (DC)</b>             |        |      |                     |                 |                      |
| NEUTROPHILS                                | 69     |      | %                   | 40 - 75         | VCS 360 Technology   |
| LYMPHOCYTES                                | 25     |      | %                   | 20 - 45         | VCS 360 Technology   |
| EOSINOPHILS                                | 1      |      | %                   | 0 - 6           | VCS 360 Technology   |
| MONOCYTES                                  | 5      |      | %                   | 1 - 6           | VCS 360 Technology   |
| BASOPHILS                                  | 0      |      | %                   | 0 - 1           | VCS 360 Technology   |
| <b>ABSOLUTE COUNT</b>                      |        |      |                     |                 |                      |
| ABSOLUTE NEUTROPHIL COUNT                  | 5.3    |      | 10 <sup>3</sup> /uL | 1.6 - 8.25      | Calculation          |
| ABSOLUTE LYMPHOCYTE COUNT                  | 1.9    |      | 10 <sup>3</sup> /uL | 0.8 - 4.95      | Calculation          |
| ABSOLUTE MONOCYTE COUNT                    | 0.4    |      | 10 <sup>3</sup> /uL | 0.04 - 0.66     | Calculation          |
| ABSOLUTE EOSINOPHIL COUNT                  | 0.1    |      | 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**

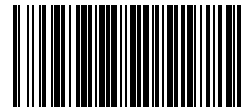
This is an electronically authenticated report

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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.





## Laboratory Investigation Report

|                     |                                    |                   |                    |
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### HEMATOLOGY

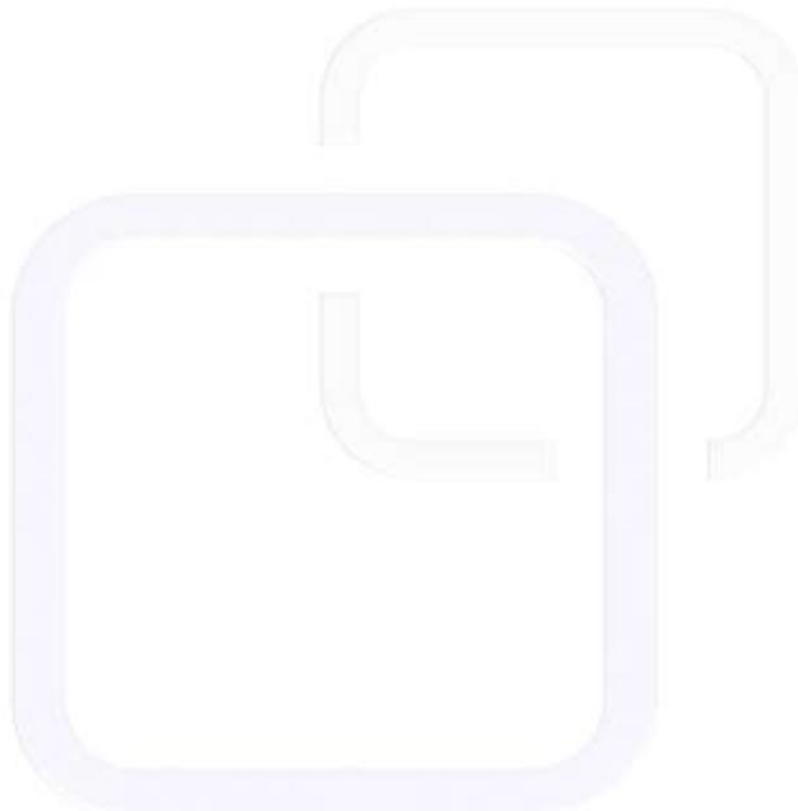
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|------|--------|------|------|-----------------|-------------|
|------|--------|------|------|-----------------|-------------|

#### 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



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*Thahsina Anees*

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