

BML474837

## Laboratory Investigation Report

Name : Ms. FATEMEH MASOUD FARAJI  
DOB : 16/09/1999  
Age / Gender : 25 Y / Female  
Referred by : DR HUMAIRA  
Centre : CITICARE MEDICAL CENTER

Ref No. : 44423  
Sample No. : 2410485348  
Collected : 07/10/2024 19:43  
Registered : 07/10/2024 21:51  
Reported : 07/10/2024 22:21

### HEMATOLOGY

| Test                                       | Result | Flag | Unit                | Reference Range | Methodology          |
|--------------------------------------------|--------|------|---------------------|-----------------|----------------------|
| <b>COMPLETE BLOOD COUNT (CBC)</b>          |        |      |                     |                 |                      |
| HEMOGLOBIN                                 | 13.3   |      | g/dL                | 12 - 15.5       | Photometric          |
| RBC COUNT                                  | 5.1    | H    | 10 <sup>6</sup> /μL | 3.9 - 5         | Electrical Impedance |
| HEMATOCRIT                                 | 39     |      | %                   | 35 - 45         | Calculation          |
| MCV                                        | 76.3   | L    | fL                  | 82 - 98         | Calculation          |
| MCH                                        | 25.9   | L    | pg                  | 27 - 32         | Calculation          |
| MCHC                                       | 34     |      | g/dL                | 32 - 37         | Calculation          |
| RDW                                        | 12.5   |      | %                   | 11.9 - 15.5     | Calculation          |
| RDW-SD                                     | 33.3   |      | fL                  |                 | Calculation          |
| MPV                                        | 8.5    |      | fL                  | 7.6 - 10.8      | Calculation          |
| PLATELET COUNT                             | 202    |      | 10 <sup>3</sup> /uL | 150 - 450       | Electrical Impedance |
| PCT                                        | 0.2    |      | %                   | 0.01 - 9.99     | Calculation          |
| PDW                                        | 16.7   |      | 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> | 0.0    |      | %                   |                 | VCS 360 Technology   |
| ABSOLUTE EGC <sup>^</sup>                  | 0.0    |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| WBC COUNT                                  | 9.1    |      | 10 <sup>3</sup> /μL | 4 - 11          | Electrical Impedance |
| <b>DIFFERENTIAL COUNT (DC)</b>             |        |      |                     |                 |                      |
| NEUTROPHILS                                | 78     | H    | %                   | 40 - 75         | VCS 360 Technology   |
| LYMPHOCYTES                                | 16     | L    | %                   | 30 - 60         | 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                  | 7.1    |      | 10 <sup>3</sup> /uL | 1.6 - 8.25      | Calculation          |
| ABSOLUTE LYMPHOCYTE COUNT                  | 1.4    |      | 10 <sup>3</sup> /uL | 1.2 - 6.6       | Calculation          |
| ABSOLUTE MONOCYTE COUNT                    | 0.5    |      | 10 <sup>3</sup> /uL | 0.04 - 0.66     | Calculation          |
| ABSOLUTE EOSINOPHIL COUNT                  | 0.0    |      | 10 <sup>3</sup> /uL | 0 - 0.66        | Calculation          |
| ABSOLUTE BASOPHIL COUNT                    | 0.0    |      | 10 <sup>3</sup> /uL | 0 - 0.11        | Calculation          |

Comments : Please correlate clinically.

*Vyoma V. Shah*

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

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

*Thahsina Anees*

Thahsina Anees  
Laboratory Technologist

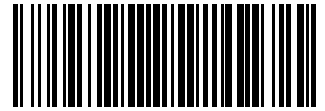
This is an electronically authenticated report

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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.





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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*

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