

BML536870

## Laboratory Investigation Report

**Name** : Ms. RAJANI VAMAN  
**DOB** : 22/07/1966  
**Age / Gender** : 58 Y / Female  
**Referred by** : Dr. AMAIZAH  
**Centre** : CITICARE MEDICAL CENTER

**Ref No.** : 46139  
**Sample No.** : 2503550076  
**Collected** : 11/03/2025 20:15  
**Registered** : 12/03/2025 15:46  
**Reported** : 12/03/2025 19:11

### 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                         | 4.6    |      | 10 <sup>6</sup> /μL | 3.9 - 5         | Electrical Impedance |
| HEMATOCRIT                        | 38.2   |      | %                   | 35 - 45         | Calculation          |
| MCV                               | 82.6   |      | fL                  | 82 - 98         | Calculation          |
| MCH                               | 28.7   |      | pg                  | 27 - 32         | Calculation          |
| MCHC                              | 34.7   |      | g/dL                | 32 - 37         | Calculation          |
| RDW                               | 12.2   |      | %                   | 11.9 - 15.5     | Calculation          |
| RDW-SD                            | 35.4   |      | fL                  |                 | Calculation          |
| MPV                               | 10.1   |      | fL                  | 7.6 - 10.8      | Calculation          |
| PLATELET COUNT                    | 67     | L    | 10 <sup>3</sup> /uL | 150 - 450       | Electrical Impedance |
| PCT                               | 0.1    |      | %                   | 0.01 - 9.99     | Calculation          |
| PDW                               | 18.5   |      | Not Applicable      | 0.1 - 99.9      | Calculation          |
| NUCLEATED RBC (NRBC)^             | 0.1    |      | /100 WBC            |                 | VCS 360 Technology   |
| ABSOLUTE NRBC COUNT^              | 0.01   |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| EARLY GRANULOCYTE COUNT (EGC)^    | 0.0    |      | %                   |                 | VCS 360 Technology   |
| ABSOLUTE EGC^                     | 0.0    |      | 10 <sup>3</sup> /uL |                 | Calculation          |
| WBC COUNT                         | 17.5   | H    | 10 <sup>3</sup> /μL | 4 - 11          | Electrical Impedance |
| <b>DIFFERENTIAL COUNT (DC)</b>    |        |      |                     |                 |                      |
| NEUTROPHILS                       | 82     | H    | %                   | 40 - 75         | VCS 360 Technology   |
| LYMPHOCYTES                       | 16     | L    | %                   | 30 - 60         | VCS 360 Technology   |
| EOSINOPHILS                       | 0      |      | %                   | 0 - 6           | VCS 360 Technology   |
| MONOCYTES                         | 2      |      | %                   | 1 - 6           | VCS 360 Technology   |
| BASOPHILS                         | 0      |      | %                   | 0 - 1           | VCS 360 Technology   |
| <b>ABSOLUTE COUNT</b>             |        |      |                     |                 |                      |
| ABSOLUTE NEUTROPHIL COUNT         | 14.3   | H    | 10 <sup>3</sup> /uL | 1.6 - 8.25      | Calculation          |
| ABSOLUTE LYMPHOCYTE COUNT         | 2.3    |      | 10 <sup>3</sup> /uL | 1.2 - 6.6       | Calculation          |
| ABSOLUTE MONOCYTE COUNT           | 0.3    |      | 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          |

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

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

*Reena Babu*  
**Reena Babu**  
Laboratory Technologist

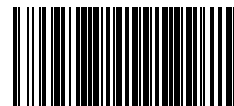
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Test result pertains only to the sample tested and to be interpreted in the light of clinical history. These tests are accredited under ISO 15189:2012 unless specified by (^). Test marked with # is performed in an accredited referral laboratory.





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#### COMPLETE BLOOD COUNT (CBC)

#### INTERPRETATION NOTES :

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

#### INTERPRETATION NOTES :

Marked platelet aggregation seen on smear.

Polymorphonuclear leucocytosis.

**ADVICE:** Repeat collection in citrated anticoagulant tube for accurate Thrombocyte count

#### Smear reviewed by the Pathologist

Sample Type : EDTA Whole Blood

End of Report

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