



Name **ELIZABETH WANZA** Ref No. 43808

DOB 17/02/1992 Sample No. 2503548372 Age / Gender 33 Y / Female Collected 08/03/2025 01:15 Referred by DR HUMAIRA Registered 08/03/2025 15:11

CITICARE MEDICAL CENTER Centre Reported 08/03/2025 16:33

#### **BIOCHEMISTRY**

Result Flag Unit **Reference Range** Methodology Test

**URIC ACID (SERUM)** 6.2 mg/dL 2.4 - 5.7

> Please note change. Source: Roche IFU.

Enzymatic colorimteric assay



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

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

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ANJUMOL D V

**Laboratory Technologist** Printed on: 08/03/2025 18:03

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| BIOCHEMISTRY                  |        |      |             |   |  |  |  |  |  |
|-------------------------------|--------|------|-------------|---|--|--|--|--|--|
| Test                          | Result | Flag | Unit        | Reference Range   | Methodology                              |  |  |  |  |
| LIPID PROFILE TEST            |        |      |             |   |  |  |  |  |  |
| CHOLESTEROL (TOTAL)           | 219    | Н    | mg/dl       | Desirable: < 200 Borderline High: 200 - 239 High: ≥ 240 Please note change. Source: Roche IFU.              | Enzymatic colorimteric assay             |  |  |  |  |
| HDL CHOLESTEROL               | 50     |      | mg/dl       | 40 - 60   | Homogeneous enzymatic colorimetric assay |  |  |  |  |
|                               |        |      |             | Please note change.<br>Source: Roche IFU.   |  |  |  |  |  |
| LDL CHOLESTEROL DIRECT        | 153    | Н    | mg/dl       | Optimal: < 100<br>Near/Above Optimal: 100 -<br>129  | Homogeneous enzymatic colorimetric assay |  |  |  |  |
|                               |        |      |             | Borderline High: 130 - 159  |  |  |  |  |  |
|                               |        |      |             | High: 160 - 189<br>Very High: ≥ 190   |  |  |  |  |  |
|                               |        |      |             | Please note change.<br>Source: Roche IFU.   |  |  |  |  |  |
| VLDL CHOLESTEROL              | 28     |      | mg/dL       | < 30  | Calculation                              |  |  |  |  |
| NON-HDL CHOLESTEROL           | 181    | Н    | mg/dL       | < 140   | Calculation                              |  |  |  |  |
| TRIGLYCERIDES                 | 138    |      | mg/dl       | Normal: < 150<br>Borderline High:<br>150 - 199<br>High: 200 - 499<br>Very High: > 500<br>Source: Roche IFU. | Enzymatic colorimetric assay             |  |  |  |  |
| TOTAL CHOLESTEROL / HDL RATIO | 4.4    |      |             | < 4.5   | Calculation                              |  |  |  |  |
| LDL / HDL RATIO               | 3.1    |      |             | < 3.5   | Calculation                              |  |  |  |  |
| Sample Type : Serum           |        | 5.   | d of Doors  |   |  |  |  |  |  |
|                               |        | En   | d of Report |   |  |  |  |  |  |
|                               |        |      |             |   |  |  |  |  |  |

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

**Clinical Pathologist** 

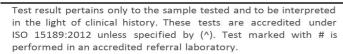
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M.D (Pathology)

**Pathologist** 

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HENJATOLOGY

| HEMATOLOGY                     |             |                |                 |                      |  |  |  |  |  |
|--------------------------------|-------------|----------------|-----------------|----------------------|--|--|--|--|--|
| Test                           | Result Flag | Unit           | Reference Range | Methodology          |  |  |  |  |  |
| COMPLETE BLOOD COUNT (CBC)     |             |                |                 |                      |  |  |  |  |  |
| HEMOGLOBIN                     | 13.0        | g/dL           | 12 - 15.5       | Photometric          |  |  |  |  |  |
| RBC COUNT                      | 4.6         | 10^6/μL        | 3.9 - 5         | Electrical Impedance |  |  |  |  |  |
| HEMATOCRIT                     | 39.7        | %              | 35 - 45         | Calculation          |  |  |  |  |  |
| MCV                            | 86.6        | fL             | 82 - 98         | Calculation          |  |  |  |  |  |
| МСН                            | 28.3        | pg             | 27 - 32         | Calculation          |  |  |  |  |  |
| мснс                           | 32.7        | g/dL           | 32 - 37         | Calculation          |  |  |  |  |  |
| RDW                            | 14.9        | %              | 11.9 - 15.5     | Calculation          |  |  |  |  |  |
| RDW-SD                         | 45.5        | fL             |                 | Calculation          |  |  |  |  |  |
| MPV                            | 8.9         | fL             | 7.6 - 10.8      | Calculation          |  |  |  |  |  |
| PLATELET COUNT                 | 265         | 10^3/uL        | 150 - 450       | Electrical Impedance |  |  |  |  |  |
| РСТ                            | 0.2         | %              | 0.01 - 9.99     | Calculation          |  |  |  |  |  |
| PDW                            | 17.0        | Not Applicable | 0.1 - 99.9      | Calculation          |  |  |  |  |  |
| NUCLEATED RBC (NRBC)^          | 0.5         | /100 WBC       |                 | VCS 360 Technology   |  |  |  |  |  |
| ABSOLUTE NRBC COUNT^           | 0.03        | 10^3/uL        |                 | Calculation          |  |  |  |  |  |
| EARLY GRANULOCYTE COUNT (EGC)^ | 0.2         | %              |                 | VCS 360 Technology   |  |  |  |  |  |
| ABSOLUTE EGC^                  | 0.0         | 10^3/uL        |                 | Calculation          |  |  |  |  |  |
| WBC COUNT                      | 6.6         | 10^3/μL        | 4 - 11          | Electrical Impedance |  |  |  |  |  |
| DIFFERENTIAL COUNT (DC)        |             |                |                 |                      |  |  |  |  |  |
| NEUTROPHILS                    | 49          | %              | 40 - 75         | VCS 360 Technology   |  |  |  |  |  |
| LYMPHOCYTES                    | 45          | %              | 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   |  |  |  |  |  |
| ABSOLUTE COUNT                 |             |                |                 |                      |  |  |  |  |  |
| ABSOLUTE NEUTROPHIL COUNT      | 3.2         | 10^3/uL        | 1.6 - 8.25      | Calculation          |  |  |  |  |  |
| ABSOLUTE LYMPHOCYTE COUNT      | 2.9         | 10^3/uL        | 1.2 - 6.6       | Calculation          |  |  |  |  |  |
| ABSOLUTE MONOCYTE COUNT        | 0.3         | 10^3/uL        | 0.04 - 0.66     | Calculation          |  |  |  |  |  |
| ABSOLUTE EOSINOPHIL COUNT      | 0.1         | 10^3/uL        | 0 - 0.66        | Calculation          |  |  |  |  |  |
| ABSOLUTE BASOPHIL COUNT        | 0.0         | 10^3/uL        | 0 - 0.11        | Calculation          |  |  |  |  |  |

Gome V. Shah

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**Jillian Joy Garcia**Laboratory Technologist
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**HEMATOLOGY** 

Test Result Flag Unit Reference Range Methodology

**COMPLETE BLOOD COUNT (CBC)** 

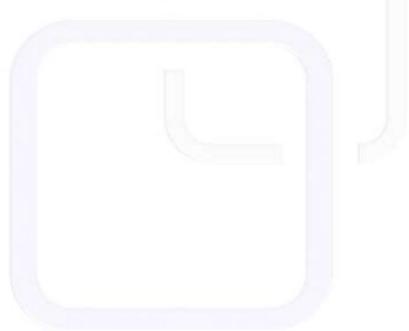
EDTA Whole Blood

**INTERPRETATION NOTES:** 

Sample Type:

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

End of Report



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