

## LABORATORY REPORT

|              |                                            |                 |                                    |
|--------------|--------------------------------------------|-----------------|------------------------------------|
| Name         | : VISHNU MURALI MURALI GANGADAR            | File. No.       | : AAL02-324644                     |
| DOB/Gender   | : 13-04-1991 (32 Yrs 5 Month 21 Days/Male) | Referral Doctor | : Dr. Rashmi Keshava Murthy Mosale |
| Lab No.      | : 22232770501                              | Referral Clinic | : Peshawar(Irham Medical Center)   |
| Request Date | : 04-10-2023 22:14:50                      | Clinic File No  | : 40417                            |
| Insurance    | : NAS ADMINISTRATION SERVICES LTD          |                 |                                    |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 6.01 <sup>H</sup> | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 16.1              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 48.1              | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| MCV                                                        | 80.0 <sup>L</sup> | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 26.8 <sup>L</sup> | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 33.5              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 213               | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | 9.35              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 53.5              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 32.8              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 7.8               | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 5.0               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.9               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 5.00              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.07 <sup>H</sup> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.73              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.47              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.08              | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00              | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

These tests are accredited under ISO 15189:2012 unless specified by (\*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

**Dr. Solmaz Siddiqui**  
Laboratory Director  
DHA/LS/248469

H/L Collected On : 04-10-2023 19:00:00  
Authenticated On : 05-10-2023 00:45:23

Received On : 04-10-2023 22:15:00  
Released On : 05-10-2023 01:00:45



**Esmeralda Obenita**  
Lab Incharge  
DHA/LS/2992011/ 241430

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| Test Name | Result | Units | Ref. Range | Method |
|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

Sample Type : EDTA WB

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**LIPID PROFILE I  
CLINICAL BIOCHEMISTRY**

| Test Name                    | Result                   | Units | Ref. Range                                                                                                      | Method                                |
|------------------------------|--------------------------|-------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Cholesterol (serum)</b>   | <b>277.6<sup>H</sup></b> | mg/dL | Desirable: < 200<br>Border High: 200 - 239<br>High: >= 240                                                      | Enzymatic                             |
| <b>Triglycerides (serum)</b> | 119.0                    | mg/dL | Normal: < 150<br>Borderline High: 150 - 199<br>High: 200 - 499<br>Very High: >= 500                             | Glycerol<br>Phosphate<br>Oxidase      |
| <b>HDL Cholesterol</b>       | 42.1                     | mg/dL | > 40.0                                                                                                          | Accelerator<br>Selective<br>Detergent |
| <b>LDL Cholesterol</b>       | <b>245.7<sup>H</sup></b> | mg/dL | Optimal: < 100<br>Near Optimal: 100 - 129<br>Borderline High: 130 - 159<br>High: 160 - 189<br>Very High: >= 190 | Liquid Selective<br>detergent         |
| <b>*VLDL</b>                 | 23.8                     | mg/dL | 5.0 - 30.0                                                                                                      | Calculation                           |
| <b>*Cholesterol / HDL</b>    | <b>6.6<sup>H</sup></b>   | Ratio | Desirable: < 4.5<br>Borderline: 4.5 - 6<br>Undesirable: > 6                                                     | Calculation                           |

**Remarks:**

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

----- End Of Report -----

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