

**LABORATORY REPORT**

|              |                                              |                 |                                  |
|--------------|----------------------------------------------|-----------------|----------------------------------|
| Name         | : ASMITA GIRI                                | File. No.       | : AAL02-298914                   |
| DOB/Gender   | : 21-12-1995 (27 Yrs 3 Month 21 Days/Female) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22231000362                                | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 10-04-2023 21:30                           | Clinic File No  | : 39815                          |
| Insurance    | : No                                         |                 |                                  |

**HAEMATOLOGY & COAGULATION**

| Test Name                                                  | Result                      | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-----------------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                             |                     |              |                                      |
| RBC                                                        | 3.08 <sup>L</sup>           | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 5.5 <sup>L</sup> [Critical] | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 19.8 <sup>L</sup>           | %                   | 36.0 - 46.0  | Hydrodynamic focusing                |
| MCV                                                        | 64.3 <sup>L</sup>           | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 17.9 <sup>L</sup>           | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 27.8 <sup>L</sup>           | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 521 <sup>H</sup>            | 10 <sup>3</sup> /uL | 150-400      | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | 8.54                        | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                             |                     |              |                                      |
| Neutrophils                                                | 66.9                        | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 19.4 <sup>L</sup>           | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 6.7                         | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 6.3 <sup>H</sup>            | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.7                         | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0                         | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                             |                     |              |                                      |
| Neutrophils (Absolute)                                     | 5.71                        | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 1.66                        | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.57                        | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.54 <sup>H</sup>           | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.06                        | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00                        | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |

Remarks:

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 : 10-04-2023 20:00:00  
Authenticated On : 10-04-2023 23:33:55  
Printed On : 11-04-2023 01:00:06

Received On : 10-04-2023 21:30:00  
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Reprinted On : 11-04-2023 11:41:45



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

**LABORATORY REPORT**

|              |                                                     |                 |                                         |
|--------------|-----------------------------------------------------|-----------------|-----------------------------------------|
| Name         | : <b>ASMITA GIRI</b>                                | File. No.       | : <b>AAL02-298914</b>                   |
| DOB/Gender   | : <b>21-12-1995 (27 Yrs 3 Month 21 Days/Female)</b> | Referral Doctor | : <b>Dr. Enomen Goodluck Ekata</b>      |
| Lab No.      | : <b>22231000362</b>                                | Referral Clinic | : <b>Peshawar(Irham Medical Center)</b> |
| Request Date | : <b>10-04-2023 21:30</b>                           | Clinic File No  | : <b>39815</b>                          |
| Insurance    | : <b>No</b>                                         |                 |                                         |

| Test Name                                                                                                                                                                                                            | Result | Units | Ref. Range | Method |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|------------|--------|
| discussed with Dr. Solmaz<br>Recommended to do peripheral smear, iron studies and thalassemia screening. Test result to be interpreted in the light of clinical history and to be investigated further if necessary. |        |       |            |        |

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name                         | Result | Units | Ref. Range  | Method         |
|-----------------------------------|--------|-------|-------------|----------------|
| <b>Bilirubin - Total (serum)</b>  | 0.23   | mg/dL | 0.20 - 1.20 | Diazo Reaction |
| <b>Bilirubin - Direct (serum)</b> | 0.13   | mg/dL | < 0.50      | Diazo Reaction |
| <i>Sample Type : Serum</i>        |        |       |             |                |

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**MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS**

| Test Name                                | Result             | Units | Ref. Range       | Method                          |
|------------------------------------------|--------------------|-------|------------------|---------------------------------|
| <b><u>URINE ROUTINE (URINALYSIS)</u></b> |                    |       |                  |                                 |
| <b><u>PHYSICAL EXAMINATION</u></b>       |                    |       |                  |                                 |
| Color                                    | Straw              |       | Yellow           | Light Scatter                   |
| Appearance                               | Clear              |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.003 <sup>L</sup> |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 6.50               |       | 4.6 - 8.0        | pH.I/Reflectance                |
| Glucose                                  | Negative           |       | Negative         | Enz.Rn/Reflect                  |
| Ketone                                   | Negative           |       | Negative         | Legal's method                  |
| Protein                                  | Negative           |       | Negative         | Dye Binding                     |
| Blood                                    | Negative           |       | Negative         | Peroxidase Activity/Reflectance |
| Bilirubin                                | Negative           |       | Negative         | Acidified Diazo Coupling        |
| Urobilinogen                             | Normal             | mg/dL | Normal 0.2 - 1.0 | Buffered Diazo Coupling         |
| Nitrite                                  | Negative           |       | Negative         | Mod. Gries Rn                   |
| Leukocytes.                              | Negative           |       | Negative         | Enz.Rn/Reflect                  |
| <b><u>MICROSCOPIC EXAMINATION</u></b>    |                    |       |                  |                                 |
| Pus Cells                                | 1 - 2              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| RBC's                                    | 0 - 1              | /HPF  | 0 - 2            | F.D.I/Microscopy                |
| Epithelial cells                         | 0 - 1              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| Bacteria                                 | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Yeast cells                              | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Trichomonas Vaginalis                    | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Mucus Threads                            | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Crystals                                 | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Casts                                    | Absent             | /LPF  | Absent           | F.D.I/Microscopy                |

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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

*Bilirubin and Urobilinogen if clinically indicated.*

*Kindly note the new methodology is effective from 31-10-2022.*

*Sample Type : Mid-stream Urine*

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

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