

**LABORATORY REPORT**

|              |                                                    |                 |                                         |
|--------------|----------------------------------------------------|-----------------|-----------------------------------------|
| Name         | : <b>HELLEN NABWIRE</b>                            | File. No.       | : <b>AAL02-327246</b>                   |
| DOB/Gender   | : <b>05-10-1986 (36 Yrs 9 Month 6 Days/Female)</b> | Referral Doctor | : <b>Dr. Sumaiya Galib</b>              |
| Lab No.      | : <b>22231920161</b>                               | Referral Clinic | : <b>Peshawar(Irham Medical Center)</b> |
| Request Date | : <b>11-07-2023 13:17</b>                          | Clinic File No  | : <b>40044</b>                          |
| Insurance    | : <b>No</b>                                        |                 |                                         |

**HAEMATOLOGY & COAGULATION**

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| <b>RBC</b>                                                 | 4.33              | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 12.7              | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 39.1              | %                   | 36.0 - 46.0  | Hydrodynamic focusing                |
| <b>MCV</b>                                                 | 90.3              | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 29.3              | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 32.5              | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 322               | 10 <sup>3</sup> /uL | 150-400      | Hydrodynamic Focusing(DCD)           |
| <b>WBC</b>                                                 | 9.71              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| <b>Neutrophils</b>                                         | 43.1              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 42.6 <sup>H</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 12.5 <sup>H</sup> | %                   | 2-10         | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 0.9 <sup>L</sup>  | %                   | 1 - 6        | Flow Cytometry                       |
| <b>Basophils</b>                                           | 0.9               | %                   | <1-2         | Flow Cytometry                       |
| <b>Band Forms</b>                                          | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| <b>Neutrophils (Absolute)</b>                              | 4.18              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 4.14 <sup>H</sup> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 1.21 <sup>H</sup> | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.09              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.09              | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| <b>Band Forms (Absolute)</b>                               | 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 pertain 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 : 11-07-2023 11:00:00  
Authenticated On : 11-07-2023 15:05:53  
Printed On : 11-07-2023 15:31:34

Received On : 11-07-2023 13:17:00  
Released On : 11-07-2023 15:11:27  
Reprinted On : 11-07-2023 15:56:05

**Padmapriya Kumaresan**  
Sr. Technician  
DHA/LS2992011/243822

*Pring*

**LABORATORY REPORT**

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| Lab No.      | : <b>22231920161</b>                               | Referral Clinic | : <b>Peshawar(Irham Medical Center)</b> |
| Request Date | : <b>11-07-2023 13:17</b>                          | Clinic File No  | : <b>40044</b>                          |
| Insurance    | : <b>No</b>                                        |                 |                                         |

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

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name                  | Result | Units | Ref. Range | Method              |
|----------------------------|--------|-------|------------|---------------------|
| <b>CRP - quant (serum)</b> | 3.32   | mg/L  | < 5.0      | Immunoturbidimetric |

Sample Type : Serum

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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                                    | Light Yellow |       | Yellow           | Light Scatter                   |
| Appearance                               | Clear        |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.005        |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 5.50         |       | 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         | 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                                    | 6 - 8        | /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                            | Few          | /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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|-----------|--------|-------|------------|--------|

*Bilirubin and Urobilinogen if clinically indicated.*

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

**Remarks:**

Test results to be interpreted in light of clinical history .To be investigated further if clinically indicated.

*Sample Type : Mid-stream Urine*

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

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