

## LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : INAM UN NAZIR MUGHAL                      | File. No.       | : AAL02-296688                   |
| DOB/Gender   | : 12-04-1993 (29 Yrs 11 Month 21 Days/Male) | Referral Doctor | : Dr. Tahniyat Iqbal             |
| Lab No.      | : 22230920199                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 02-04-2023 14:42                          | Clinic File No  | : 39835                          |
| Insurance    | : No                                        |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 5.05              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 14.9              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 45.8              | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| MCV                                                        | 90.7              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 29.5              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.5              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 230               | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | 9.24              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 37.3 <sup>L</sup> | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 42.4 <sup>H</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 19.3 <sup>H</sup> | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 0.4 <sup>L</sup>  | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.6               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 3.44              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.92 <sup>H</sup> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 1.78 <sup>H</sup> | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.04              | 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:

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 : 02-04-2023 13:00:00  
Authenticated On : 02-04-2023 16:35:14  
Printed On : 02-04-2023 18:36:13

Received On : 02-04-2023 14:42:00  
Released On : 02-04-2023 18:10:01  
Reprinted On : 02-04-2023 21:22:50

**Rhea Suberon**  
Medical Laboratory Technician  
DHA/LS/123639

### LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : INAM UN NAZIR MUGHAL                      | File. No.       | : AAL02-296688                   |
| DOB/Gender   | : 12-04-1993 (29 Yrs 11 Month 21 Days/Male) | Referral Doctor | : Dr. Tahniyat Iqbal             |
| Lab No.      | : 22230920199                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 02-04-2023 14:42                          | Clinic File No  | : 39835                          |
| Insurance    | : No                                        |                 |                                  |

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

Sample Type : EDTA WB

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 : 02-04-2023 13:00:00  
Authenticated On : 02-04-2023 16:35:14  
Printed On : 02-04-2023 18:36:13

Received On : 02-04-2023 14:42:00  
Released On : 02-04-2023 18:10:01  
Reprinted On : 02-04-2023 21:22:50

**Rhea Suberon**  
Medical Laboratory Technician  
DHA/LS/123639

### LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : INAM UN NAZIR MUGHAL                      | File. No.       | : AAL02-296688                   |
| DOB/Gender   | : 12-04-1993 (29 Yrs 11 Month 21 Days/Male) | Referral Doctor | : Dr. Tahniyat Iqbal             |
| Lab No.      | : 22230920199                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 02-04-2023 14:42                          | Clinic File No  | : 39835                          |
| Insurance    | : No                                        |                 |                                  |

### 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                                    | Dark Yellow |       | Yellow           | Light Scatter                   |
| Appearance                               | Turbid      |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.021       |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 5.00        |       | 4.6 - 8.0        | pH.I/Reflectance                |
| Glucose                                  | Negative    |       | Negative         | Enz.Rn/Reflect                  |
| Ketone                                   | Negative    |       | Negative         | Legal's method                  |
| Protein                                  | Trace       |       | Negative         | Dye Binding                     |
| Blood                                    | Trace       |       | 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                                | 4 - 6       | /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                            | ++          | /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

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 : 02-04-2023 13:00:00  
Authenticated On : 02-04-2023 18:36:12  
Printed On : 02-04-2023 21:22:50

Received On : 02-04-2023 14:42:00  
Released On : 02-04-2023 19:17:51

**Rhea Suberon**  
Medical Laboratory Technician  
DHA/LS/123639

### LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : INAM UN NAZIR MUGHAL                      | File. No.       | : AAL02-296688                   |
| DOB/Gender   | : 12-04-1993 (29 Yrs 11 Month 21 Days/Male) | Referral Doctor | : Dr. Tahniyat Iqbal             |
| Lab No.      | : 22230920199                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 02-04-2023 14:42                          | Clinic File No  | : 39835                          |
| Insurance    | : No                                        |                 |                                  |

| 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 -----

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 : 02-04-2023 13:00:00  
Authenticated On : 02-04-2023 18:36:12  
Printed On : 02-04-2023 21:22:50

Received On : 02-04-2023 14:42:00  
Released On : 02-04-2023 19:17:51

**Rhea Suberon**  
Medical Laboratory Technician  
DHA/LS/123639