

### LABORATORY REPORT

|              |                                           |                 |                                  |
|--------------|-------------------------------------------|-----------------|----------------------------------|
| Name         | : ALEXIS GERARD HIDALGO MALLILLIN         | File. No.       | : AAL02-312046                   |
| DOB/Gender   | : 19-10-1975 (47 Yrs 7 Month 5 Days/Male) | Referral Doctor | : Dr. Sumaiya Galib              |
| Lab No.      | : 22231430267                             | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 23-05-2023 14:55                        | Clinic File No  | : 28674                          |
| Insurance    | : NATIONAL GENERAL INSURANCE (HEALTHNET)  |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 4.93              | 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                                                        | 44.7              | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| MCV                                                        | 90.7              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 30.2              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 33.3              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 281               | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | 7.23              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 57.6              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 27.2              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 12.4 <sup>H</sup> | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 2.5               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.3               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 4.16              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 1.97              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.90              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.18              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.02              | 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 : 23-05-2023 11:00:00  
Authenticated On : 23-05-2023 23:57:38  
Printed On : 24-05-2023 00:06:04

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Reprinted On : 24-05-2023 10:43:58



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

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| Insurance    | : NATIONAL GENERAL INSURANCE (HEALTHNET)  |                 |                                  |

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

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result            | Units | Ref. Range | Method              |
|---------------------|-------------------|-------|------------|---------------------|
| CRP - quant (serum) | 8.87 <sup>H</sup> | mg/L  | < 5.0      | Immunoturbidimetric |

#### Remarks:

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

Sample Type : Serum

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DOB/Gender : **19-10-1975 (47 Yrs 7 Month 5 Days/Male)** Referral Doctor : **Dr. Sumaiya Galib**  
Lab No. : **22231430267** Referral Clinic : **Peshawar(Irham Medical Center)**  
Request Date : **23-05-2023 14:55** Clinic File No : **28674**  
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

**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                                    | Colourless               |       | Yellow           | Light Scatter                   |
| Appearance                               | Clear                    |       | Clear            | Light Scatter                   |
| Specific Gravity                         | <b>1.002<sup>L</sup></b> |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 7.00                     |       | 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                                    | 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                                | 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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|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

*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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