

## LABORATORY REPORT

|              |                                           |                 |                                  |
|--------------|-------------------------------------------|-----------------|----------------------------------|
| Name         | : OMAR AHMED MAHMOUD ALI                  | File. No.       | : AAL02-313653                   |
| DOB/Gender   | : 18-11-1981 (41 Yrs 6 Month 9 Days/Male) | Referral Doctor | : Dr. Sumaiya Galib              |
| Lab No.      | : 22231470477                             | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 27-05-2023 21:25:30                     | Clinic File No  | : 36890                          |
| Insurance    | : No                                      |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| <b>RBC</b>                                                 | 5.30              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 15.8              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 46.6              | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| <b>MCV</b>                                                 | 87.9              | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 29.8              | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 33.9              | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 244               | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| <b>WBC</b>                                                 | 6.43              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| <b>Neutrophils</b>                                         | 50.7              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 40.3 <sup>H</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 6.4               | %                   | 2.0-10.0     | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 2.0               | %                   | 1 - 6        | Flow Cytometry                       |
| <b>Basophils</b>                                           | 0.6               | %                   | <1-2         | Flow Cytometry                       |
| <b>Band Forms</b>                                          | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| <b>Neutrophils (Absolute)</b>                              | 3.26              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 2.59              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 0.41              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.13              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.04              | 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 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 : 27-05-2023 20:00:00 Received On : 27-05-2023 21:25:00  
Authenticated On : 27-05-2023 22:32:00 Released On : 27-05-2023 22:35:04



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

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| Insurance    | : No                                      |                 |                                  |

| 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) | 1.58   | mg/L  | < 5.0      | Immunoturbidimetric |

Sample Type : Serum

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

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