

## LABORATORY REPORT

|              |                                            |                 |                                  |
|--------------|--------------------------------------------|-----------------|----------------------------------|
| Name         | : MOHAMMAD ELAMEEN                         | File. No.       | : AAL02-367087                   |
| DOB/Gender   | : 01-10-1990 (33 Yrs 2 Month 24 Days/Male) | Referral Doctor | : Dr. Sajid Sanaullah Khan       |
| Lab No.      | : 22233590070                              | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 25-12-2023 13:11                         | Clinic File No  | : 42012                          |
| Insurance    | : No                                       |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|--------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |        |                     |              |                                      |
| <b>RBC</b>                                                 | 5.06   | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 14.5   | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 42.4   | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| <b>MCV</b>                                                 | 83.8   | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 28.7   | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 34.2   | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 288    | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| <b>WBC</b>                                                 | 6.88   | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |        |                     |              |                                      |
| <b>Neutrophils</b>                                         | 51.4   | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 36.9   | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 9.4    | %                   | 2.0-10.0     | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 2.0    | %                   | 1 - 6        | Flow Cytometry                       |
| <b>Basophils</b>                                           | 0.3    | %                   | <1-2         | Flow Cytometry                       |
| <b>Band Forms</b>                                          | 0.0    | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |        |                     |              |                                      |
| <b>Neutrophils (Absolute)</b>                              | 3.53   | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 2.54   | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 0.65   | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.14   | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.02   | 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                          |

## **ERYTHROCYTE SEDIMENTATION RATE (ESR)**

|                          |   |      |          |                     |
|--------------------------|---|------|----------|---------------------|
| <b>ESR (whole blood)</b> | 6 | mmhr | up to 10 | Modified Westergren |
|--------------------------|---|------|----------|---------------------|

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 : 25-12-2023 10:00:00  
Authenticated On : 25-12-2023 14:10:39  
Printed On : 25-12-2023 15:41:14

Received On : 25-12-2023 13:11:00  
Released On : 25-12-2023 15:23:11

**Wasik**

**Wasik Hasan Tisekar**  
Laboratory Technician  
DHA-P-0039673

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| Lab No.      | : 22233590070                              | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 25-12-2023 13:11                         | Clinic File No  | : 42012                          |
| 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                    |
|---------------------------------|--------|-------|------------------------|---------------------------|
| <b>C-Reactive Protein (CRP)</b> | 3.65   | mg/L  | Negative < or = to 5.0 | Immunoturbidimetric Assay |

CRP is an acute phase protein whose concentration rises non-specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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

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