

### LABORATORY REPORT

|              |                                    |                 |                                  |
|--------------|------------------------------------|-----------------|----------------------------------|
| Name         | : ZEESHAN AHMAD AZIZ AHMAD         | File. No.       | : AAL02-375031                   |
| DOB/Gender   | : 07-01-1990 (34 Yrs 29 Days/Male) | Referral Doctor | : Dr. Sajid Sanaullah Khan       |
| Lab No.      | : 22240360105                      | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 05-02-2024 13:44                 | Clinic File No  | : 40923                          |
| Insurance    | : No                               |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result             | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|--------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                    |                     |              |                                      |
| RBC                                                        | 5.32               | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 14.3               | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 44.7               | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 84.0               | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 26.9 <sup>L</sup>  | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.0               | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 412 <sup>H</sup>   | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| WBC                                                        | 15.16 <sup>H</sup> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                    |                     |              |                                      |
| Neutrophils                                                | 69.2               | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 23.3               | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 6.3                | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 0.7 <sup>L</sup>   | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.5                | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0                | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                    |                     |              |                                      |
| Neutrophils (Absolute)                                     | 10.50 <sup>H</sup> | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.53 <sup>H</sup>  | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.95               | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.11               | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.07               | 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.

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 : 05-02-2024 12:00:00  
Authenticated On : 05-02-2024 16:00:10  
Printed On : 05-02-2024 22:30:59

Received On : 05-02-2024 13:45:00  
Released On : 05-02-2024 16:30:43



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

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### CLINICAL BIOCHEMISTRY

| Test Name    | Result | Units | Ref. Range                                                                     | Method     |
|--------------|--------|-------|--------------------------------------------------------------------------------|------------|
| Glucose(RBS) | 91.60  | mg/dL | Fasting: 70 - 100<br>1 hr post eating: 70 - 187<br>2 hrs post eating: 70 - 134 | HK/G-6-PDH |

Please note Reference Range Reviewed w.ef 15/10/23

#### Remarks:

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

Sample Type : Fluoride Plasma

|                          |                   |      |                        |                           |
|--------------------------|-------------------|------|------------------------|---------------------------|
| C-Reactive Protein (CRP) | 5.89 <sup>H</sup> | 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

#### Remarks:

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

Sample Type : Serum

----- 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.

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*Pring*

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