

## LABORATORY REPORT

|              |                                              |                 |                                  |
|--------------|----------------------------------------------|-----------------|----------------------------------|
| Name         | : EI THET HTAR KHIN                          | File. No.       | : AAL02-370772                   |
| DOB/Gender   | : 20-06-1999 (24 Yrs 6 Month 25 Days/Female) | Referral Doctor | : Dr. Sajid Sanaullah Khan       |
| Lab No.      | : 22240140161                                | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 14-01-2024 14:57:50                        | Clinic File No  | : 42221                          |
| Insurance    | : No                                         |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 4.14              | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 10.6 <sup>L</sup> | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 32.3 <sup>L</sup> | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 78.0 <sup>L</sup> | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 25.6 <sup>L</sup> | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.8              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 256               | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| WBC                                                        | 6.69              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 54.6              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 33.6              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 10.2 <sup>H</sup> | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 1.2               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.4               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 3.65              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 2.25              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.68              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.08              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.03              | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00              | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |
| <b><u>ERYTHROCYTE SEDIMENTATION RATE (ESR)</u></b>         |                   |                     |              |                                      |
| ESR (whole blood)                                          | 25 <sup>H</sup>   | mmhr                | up to 15     | 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 : 14-01-2024 12:00:00  
Authenticated On : 14-01-2024 16:31:05  
Received On : 14-01-2024 15:00:00  
Released On : 14-01-2024 16:37:53



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

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| Insurance    | : No                                         |                 |                                  |

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

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result | Units | Ref. Range                                                                     | Method     |
|---------------------|--------|-------|--------------------------------------------------------------------------------|------------|
| <b>Glucose(RBS)</b> | 72.40  | 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

Sample Type : Fluoride Plasma

|                                 |      |      |                        |                           |
|---------------------------------|------|------|------------------------|---------------------------|
| <b>C-Reactive Protein (CRP)</b> | 3.84 | 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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