

## LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : NADEEM AHMAD SALIM KHAN                   | File. No.       | : AAL02-356476                   |
| DOB/Gender   | : 20-02-1983 (40 Yrs 11 Month 27 Days/Male) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22240110097                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 11-01-2024 12:45:25                       | Clinic File No  | : 40881                          |
| Insurance    | : No                                        |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 5.10              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 13.0              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 41.1              | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 80.6 <sup>L</sup> | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 25.5 <sup>L</sup> | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 31.6              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 320               | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| WBC                                                        | 6.47              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 46.2              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 43.6 <sup>H</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 8.2               | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 1.2               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.8               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 2.99              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 2.82              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.53              | 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)                                       | 0.05              | 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.

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

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 : 10-01-2024 12:00:00  
Authenticated On : 11-01-2024 14:36:22

Received On : 11-01-2024 12:46:00  
Released On : 11-01-2024 14:46:10



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

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| Test Name         | Result | Units | Ref. Range | Method              |
|-------------------|--------|-------|------------|---------------------|
| ESR (whole blood) | 2      | mmhr  | up to 10   | Modified Westergren |

Sample Type : EDTA WB

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*Prings*

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### CLINICAL BIOCHEMISTRY

| Test Name                | Result | Units | Ref. Range             | Method                    |
|--------------------------|--------|-------|------------------------|---------------------------|
| C-Reactive Protein (CRP) | 0.61   | 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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