

### LABORATORY REPORT

|              |                                           |                 |                                  |
|--------------|-------------------------------------------|-----------------|----------------------------------|
| Name         | : MOHAMED KANE                            | File. No.       | : AAL02-374190                   |
| DOB/Gender   | : 01-06-2022 (1 Yrs 7 Month 30 Days/Male) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22240310397                             | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 31-01-2024 21:45:41                     | Clinic File No  | : 38967                          |
| Insurance    | : No                                      |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 5.31 <sup>H</sup> | 10 <sup>12</sup> /L | 3.90 - 5.10  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 10.8 <sup>L</sup> | g/dl                | 11.1 - 14.1  | Photometry-SLS                       |
| HCT                                                        | 37.1              | %                   | 30.0 - 38.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 69.9 <sup>L</sup> | fl                  | 72.0 - 84.0  | Calculation                          |
| MCH                                                        | 20.3 <sup>L</sup> | pg                  | 25.0 - 29.0  | Calculation                          |
| MCHC                                                       | 29.1 <sup>L</sup> | g/dL                | 32.0 - 36.0  | Calculation                          |
| Platelet Count                                             | 494               | 10 <sup>3</sup> /uL | 200 - 550    | HF (DCD)                             |
| WBC                                                        | 10.07             | 10 <sup>3</sup> /uL | 6.00 - 16.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 69.4 <sup>H</sup> | %                   | 9.1 - 64.0   | Flow Cytometry                       |
| Lymphocytes                                                | 22.3 <sup>L</sup> | %                   | 40.0 - 75.0  | Flow Cytometry                       |
| Monocytes                                                  | 6.9               | %                   | 2.0 - 9.0    | Flow Cytometry                       |
| Eosinophils                                                | 1.1               | %                   | 0.9 - 9.0    | Flow Cytometry                       |
| Basophils                                                  | 0.3               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 6.99              | 10 <sup>3</sup> /uL | 1.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 2.25 <sup>L</sup> | 10 <sup>3</sup> /uL | 3.50 - 11.00 | Calculation                          |
| Monocytes (Absolute)                                       | 0.69              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.11              | 10 <sup>3</sup> /uL | 0.10 - 1.00  | Calculation                          |
| Basophils (Absolute)                                       | 0.03              | 10 <sup>3</sup> /uL | < 0.15       | Calculation                          |
| Band Forms (Absolute)                                      | 0.00              | 10 <sup>3</sup> /uL | < 0.9        | Calculation                          |

#### 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.

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 : 31-01-2024 16:00:00 Received On : 31-01-2024 21:46:00  
Authenticated On : 01-02-2024 00:08:40 Released On : 01-02-2024 00:13:03



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

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| Test Name             | Result   | Units | Ref. Range | Method     |
|-----------------------|----------|-------|------------|------------|
| Sample Type : EDTA WB |          |       |            |            |
| Malaria Smear         | Negative |       | Negative   | Microscopy |

\*\*\*Please note that Negative films do not exclude a diagnosis of malaria and that repeat films should be requested after 12 -24hrs if there is strong clinical suspicion of malaria.(bjh Guideline 2013,163,573 - 580)

Sample Type : WB

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

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