

### LABORATORY REPORT

|              |                                             |                 |                                  |
|--------------|---------------------------------------------|-----------------|----------------------------------|
| Name         | : AMR ASHRAF MORSY GABAL                    | File. No.       | : AAL02-361093                   |
| DOB/Gender   | : 01-12-1992 (30 Yrs 11 Month 24 Days/Male) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22233290369                               | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 25-11-2023 21:38                          | Clinic File No  | : 41592                          |
| Insurance    | : NAS ADMINISTRATION SERVICES LTD           |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 4.58              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 13.5              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 39.1 <sup>L</sup> | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| MCV                                                        | 85.4              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 29.5              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 34.5              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 165               | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | 6.26              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 63.2              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 16.1 <sup>L</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 20.4 <sup>H</sup> | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 0.0 <sup>L</sup>  | %                   | 1 - 6        | 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)                                     | 3.95              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 1.01              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 1.28 <sup>H</sup> | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.00 <sup>L</sup> | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.02              | 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.

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 : 25-11-2023 20:00:00  
Authenticated On : 26-11-2023 00:11:00  
Printed On : 26-11-2023 01:01:47

Received On : 25-11-2023 21:39:00  
Released On : 26-11-2023 00:14:22  
Reprinted On : 26-11-2023 11:00:24



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

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| Test Name                                          | Result | Units | Ref. Range | Method              |
|----------------------------------------------------|--------|-------|------------|---------------------|
| <b><u>ERYTHROCYTE SEDIMENTATION RATE (ESR)</u></b> |        |       |            |                     |
| <b>ESR (whole blood)</b>                           | 5      | mmhr  | up to 10   | Modified Westergren |

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result             | Units | Ref. Range | Method              |
|---------------------|--------------------|-------|------------|---------------------|
| CRP - quant (serum) | 29.02 <sup>H</sup> | mg/L  | < 5.0      | Immunoturbidimetric |

#### 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 -----

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