

## LABORATORY REPORT

|              |                                     |                 |                                  |
|--------------|-------------------------------------|-----------------|----------------------------------|
| Name         | : MAISA EISA                        | File. No.       | : AAL02-372437                   |
| DOB/Gender   | : 21-01-1966 (58 Yrs 1 Days/Female) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22240220400                       | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 22-01-2024 22:17:29               | Clinic File No  | : 42300                          |
| Insurance    | : No                                |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result             | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|--------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                    |                     |              |                                      |
| RBC                                                        | 5.64 <sup>H</sup>  | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 16.4 <sup>H</sup>  | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 50.7 <sup>H</sup>  | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 89.9               | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 29.1               | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.3               | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 330                | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| WBC                                                        | 18.98 <sup>H</sup> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                    |                     |              |                                      |
| Neutrophils                                                | 79.6               | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 9.9 <sup>L</sup>   | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 8.4                | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 1.8                | %                   | 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)                                     | 15.10 <sup>H</sup> | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 1.88               | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 1.59 <sup>H</sup>  | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.35               | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.06               | 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 : 22-01-2024 20:00:00  
Authenticated On : 23-01-2024 00:30:14  
Received On : 22-01-2024 22:18:00  
Released On : 23-01-2024 00:35:35



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

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### CLINICAL BIOCHEMISTRY

| Test Name         | Result | Units | Ref. Range | Method     |
|-------------------|--------|-------|------------|------------|
| Glucose (Fasting) | 97.40  | mg/dL | 70 - 100   | HK/G-6-PDH |

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

Sample Type : Fluoride Plasma

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**LIPID PROFILE I  
CLINICAL BIOCHEMISTRY**

| Test Name                                          | Result              | Units | Ref. Range                                                                                                              | Method                               |
|----------------------------------------------------|---------------------|-------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| <b>Cholesterol</b>                                 | 206.00              | mg/dL | Desirable: < 200<br>Borderline: 200 - 239<br>High: >or =240                                                             | Enzymatic-Cholesterol esterase       |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                         |                                      |
| <b>Triglycerides</b>                               | 65.60               | mg/dL | NCEP Adult Treatment Panel<br>Normal: <150<br>Borderline: 150 - 199<br>High: 200-499<br>Very High: >or =500             | Enzymatic GPO                        |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                         |                                      |
| <b>HDL Cholesterol</b>                             | 41.80               | mg/dL | < 40                                                                                                                    | Homogeneous enzymatic-CHER & CHOD    |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                         |                                      |
| <b>LDL Cholesterol</b>                             | 152.00 <sup>H</sup> | mg/dL | Optimal: < 100<br>Near or above optimal: 100-129<br>Borderline High: 130 - 159<br>High: 160 - 189<br>Very High: >or=190 | Homo. Enz, Liq. Selective Surfactant |
| Please note Reference Range Reviewed w.ef 15/10/23 |                     |       |                                                                                                                         |                                      |
| <b>**VLDL</b>                                      | 12.20               | mg/dL | 5.0 - 30.0                                                                                                              | Calculation                          |
| <b>**Cholesterol / HDL</b>                         | 4.93 <sup>H</sup>   | Ratio | Desirable: < 4.5<br>Borderline: 4.5 - 6<br>Undesirable: >6                                                              | Calculation                          |

**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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