

### LABORATORY REPORT

|              |                    |                 |                                  |
|--------------|--------------------|-----------------|----------------------------------|
| Name         | : DHEERAJ KUMAR    | File. No.       | : AAL02-382574                   |
| DOB/Gender   | : (31 Yrs /Male)   | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22240750171      | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 15-03-2024 14:49 | Clinic File No  | : 42755                          |
| Insurance    | : NEXTCARE         |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| RBC                                                        | 5.42              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 16.3              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 47.9              | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 88.4              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 30.1              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 34.0              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 394               | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| WBC                                                        | 9.64              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 56.9              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 32.3              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 8.1               | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 1.7               | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 1.0               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 5.49              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.11 <sup>H</sup> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.78              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.16              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.10              | 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

Patient Sample Collected On : 15-03-2024 11:00:00

Authenticated On : 15-03-2024 16:13:43

Printed On : 15-03-2024 20:38:24

Received On : 15-03-2024 15:07:00

Released On : 15-03-2024 16:56:37

Reprinted On : 17-03-2024 12:30:16

**Wasik**

**Wasik Hasan Tisekar**

Laboratory Technician

DHA-P-0039673

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### LIPID PROFILE I CLINICAL BIOCHEMISTRY

| Test Name                                          | Result                    | Units | Ref. Range                                                                                                            | Method                                     |
|----------------------------------------------------|---------------------------|-------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Cholesterol</b>                                 | 193.00                    | mg/dL | Desirable: < 200<br>Borderline: 200 - 239<br>High: >or =240                                                           | Enzymatic-<br>Cholesterol<br>esterase      |
| Please note Reference Range Reviewed w.ef 15/10/23 |                           |       |                                                                                                                       |                                            |
| <b>Triglycerides</b>                               | 140.00                    | 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>                             | 47.30                     | mg/dL | Major Risk: < 40                                                                                                      | Homogeneous<br>enzymatic-CHER<br>& CHOD    |
| Please note Reference Range Reviewed w.ef 15/10/23 |                           |       |                                                                                                                       |                                            |
| <b>LDL Cholesterol</b>                             | <b>134.00<sup>H</sup></b> | 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.<br>Selective<br>Surfactant |
| Please note Reference Range Reviewed w.ef 15/10/23 |                           |       |                                                                                                                       |                                            |
| <b>**VLDL</b>                                      | 11.70                     | mg/dL | 5.0 - 30.0                                                                                                            | Calculation                                |
| <b>**Cholesterol / HDL</b>                         | 4.08                      | 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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Laboratory Director  
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