

### LABORATORY REPORT

Name : **MANEEF UR RAHMAN QAMAR UR RAHMAN KHAN** File. No. : **AAL02-413325**  
DOB/Gender : **10-11-1996 (27 Yrs 9 Month 26 Days/Male)** Referral Doctor : **Dr. Humaira Mumtaz**  
Lab No. : **22242490186** Referral Clinic : **Citicare Medical Center LLC**  
Request Date : **05-09-2024 15:18:54** Clinic File No : **44040**  
Insurance : **NEXTCARE**

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result            | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                   |                     |              |                                      |
| <b>RBC</b>                                                 | 5.18              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 15.2              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 45.6              | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| <b>MCV</b>                                                 | 88.0              | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 29.3              | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 33.3              | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 296               | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| <b>WBC</b>                                                 | 6.69              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| <b>Neutrophils</b>                                         | 60.9              | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 22.3              | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 15.2 <sup>H</sup> | %                   | 2.0-10.0     | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 1.0               | %                   | 1 - 6        | Flow Cytometry                       |
| <b>Basophils</b>                                           | 0.6               | %                   | <1-2         | Flow Cytometry                       |
| <b>Band Forms</b>                                          | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| <b>Neutrophils (Absolute)</b>                              | 4.07              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 1.49              | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 1.02 <sup>H</sup> | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.07              | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.04              | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| <b>Band Forms (Absolute)</b>                               | 0.00              | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |

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

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 : 05-09-2024 11:16:00  
Authenticated On : 05-09-2024 16:53:42

Received On : 05-09-2024 15:28:00  
Released On : 05-09-2024 17:08:04



**Wasik Hasan Tisekar**  
Laboratory Technician  
DHA-P-0039673

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

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : EDTA WB

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

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