

## LABORATORY REPORT

Name : **MOHAMED OTHMAN GHANEM OTHMAN** File. No. : **AAL02-358839**  
DOB/Gender : **23-07-1991 (32 Yrs 11 Month 22 Days/Male)** Referral Doctor : **Dr. Humaira Mumtaz**  
Lab No. : **22241990369** Referral Clinic : **Citicare Medical Center LLC**  
Request Date : **17-07-2024 21:38** Clinic File No : **35559**  
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result                  | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                         |                     |              |                                      |
| <b>RBC</b>                                                 | 4.85                    | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 14.3                    | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 42.0                    | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| <b>MCV</b>                                                 | 86.6                    | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 29.5                    | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 34.0                    | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 227                     | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| <b>WBC</b>                                                 | <b>2.83<sup>L</sup></b> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                         |                     |              |                                      |
| <b>Neutrophils</b>                                         | <b>31.4<sup>L</sup></b> | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | <b>49.8<sup>H</sup></b> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | <b>15.2<sup>H</sup></b> | %                   | 2.0-10.0     | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 2.5                     | %                   | 1 - 6        | Flow Cytometry                       |
| <b>Basophils</b>                                           | 1.1                     | %                   | <1-2         | Flow Cytometry                       |
| <b>Band Forms</b>                                          | 0.0                     | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                         |                     |              |                                      |
| <b>Neutrophils (Absolute)</b>                              | <b>0.89<sup>L</sup></b> | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 1.41                    | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 0.43                    | 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>                                | 0.03                    | 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                          |

### Remarks:

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

### **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 pertain 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 : 17-07-2024 18:21:00  
Authenticated On : 17-07-2024 23:01:23  
Printed On : 17-07-2024 23:25:00

Received On : 17-07-2024 21:39:00  
Released On : 17-07-2024 23:17:39  
Reprinted On : 18-07-2024 05:59:21

**Padmapriya Kumaresan**  
Sr. Technician  
DHA-P-2992011

### LABORATORY REPORT

Name : **MOHAMED OTHMAN GHANEM OTHMAN** File. No. : **AAL02-358839**  
DOB/Gender : **23-07-1991 (32 Yrs 11 Month 22 Days/Male)** Referral Doctor : **Dr. Humaira Mumtaz**  
Lab No. : **22241990369** Referral Clinic : **Citicare Medical Center LLC**  
Request Date : **17-07-2024 21:38** Clinic File No : **35559**  
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

| Test Name                | Result | Units | Ref. Range | Method              |
|--------------------------|--------|-------|------------|---------------------|
| <b>ESR (whole blood)</b> | 7      | mmhr  | up to 10   | Modified Westergren |

Sample Type : EDTA WB

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

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 : 17-07-2024 18:21:00  
Authenticated On : 17-07-2024 23:01:23  
Printed On : 17-07-2024 23:25:00

Received On : 17-07-2024 21:39:00  
Released On : 17-07-2024 23:17:39  
Reprinted On : 18-07-2024 05:59:21



**Padmapriya Kumareshan**  
Sr. Technician  
DHA-P-2992011