

### LABORATORY REPORT

|              |                                                |                 |                               |
|--------------|------------------------------------------------|-----------------|-------------------------------|
| Name         | : MUHAMMAD UMER ABBASI SHABBIR<br>AHMED ABBASI | File. No.       | : AAL02-430439                |
| DOB/Gender   | : 02-03-1986 (38 Yrs 9 Month 16 Days/Male)     | Referral Doctor | : Dr. Humaira Mumtaz          |
| Lab No.      | : 22243530188                                  | Referral Clinic | : Citicare Medical Center LLC |
| Request Date | : 18-12-2024 14:04                             | Clinic File No  | : 36849                       |
| 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                                                        | 5.01              | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 14.7              | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| HCT                                                        | 44.9              | %                   | 40.0 - 50.0  | Hydrodynamic focusing (HF)           |
| MCV                                                        | 89.6              | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 29.3              | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.7              | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 346               | 10 <sup>3</sup> /uL | 150 - 400    | HF (DCD)                             |
| WBC                                                        | 8.92              | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                   |                     |              |                                      |
| Neutrophils                                                | 38.2 <sup>L</sup> | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | 42.6 <sup>H</sup> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 9.6               | %                   | 2.0-10.0     | Flow Cytometry                       |
| Eosinophils                                                | 8.9 <sup>H</sup>  | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.7               | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0               | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                   |                     |              |                                      |
| Neutrophils (Absolute)                                     | 3.41              | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 3.80 <sup>H</sup> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.86              | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | 0.79 <sup>H</sup> | 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.

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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 : 18-12-2024 01:19:00  
Authenticated On : 18-12-2024 15:49:23  
Printed On : 19-12-2024 00:38:16

Received On : 18-12-2024 14:04:00  
Released On : 18-12-2024 15:57:32  
Reprinted On : 28-12-2024 13:11:39

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

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| Test Name | Result | Units | Ref. Range | Method |
|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

Sample Type : EDTA WB

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*Pring*

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### CLINICAL BIOCHEMISTRY

| Test Name                       | Result | Units | Ref. Range             | Method                    |
|---------------------------------|--------|-------|------------------------|---------------------------|
| <b>C-Reactive Protein (CRP)</b> | 3.96   | mg/L  | Negative < or = to 5.0 | Immunoturbidimetric Assay |

CRP is an acute phase protein whose concentration rises non-specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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**MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS**

| Test Name                                | Result             | Units | Ref. Range       | Method                          |
|------------------------------------------|--------------------|-------|------------------|---------------------------------|
| <b><u>URINE ROUTINE (URINALYSIS)</u></b> |                    |       |                  |                                 |
| <b><u>PHYSICAL EXAMINATION</u></b>       |                    |       |                  |                                 |
| Color                                    | Straw              |       | Yellow           | Light Scatter                   |
| Appearance                               | Clear              |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.004 <sup>L</sup> |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 6.00               |       | 4.6 - 8.0        | Litmus reaction                 |
| Glucose                                  | Negative           |       | Negative         | Enz.Rn/Reflect                  |
| Ketone                                   | Negative           |       | Negative         | Legal's method                  |
| Protein                                  | Negative           |       | Negative         | Dye Binding                     |
| Blood                                    | Negative           |       | Negative         | Peroxidase Activity/Reflectance |
| Bilirubin                                | Negative           |       | Negative         | Acidified Diazo Coupling        |
| Urobilinogen                             | Normal             | mg/dL | Normal 0.2 - 1.0 | Buffered Diazo Coupling         |
| Nitrite                                  | Negative           |       | Negative         | Mod. Gries Rn                   |
| Leukocytes.                              | Negative           |       | Negative         | Enz.Rn/Reflect                  |
| <b><u>MICROSCOPIC EXAMINATION</u></b>    |                    |       |                  |                                 |
| Pus Cells                                | 1 - 2              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| RBC's                                    | 0 - 1              | /HPF  | 0 - 2            | F.D.I/Microscopy                |
| Epithelial cells                         | 0 - 1              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| Bacteria                                 | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Yeast cells                              | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Trichomonas Vaginalis                    | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Mucus Threads                            | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Crystals                                 | Absent             | /HPF  | Absent           | F.D.I/Microscopy                |
| Casts                                    | Absent             | /LPF  | Absent           | F.D.I/Microscopy                |

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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|-----------|--------|-------|------------|--------|

*Bilirubin and Urobilinogen if clinically indicated.*

*Kindly note that there are chances of false negative result for Trichomonas vaginalis, as Trichomonas vaginalis viability is temperature and time sensitive.*

*Kindly note the new methodology is effective from 31-10-2022.*

Sample Type : Urine

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

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