

### LABORATORY REPORT

|              |                                              |                 |                                    |
|--------------|----------------------------------------------|-----------------|------------------------------------|
| Name         | : ELAKKIYA RAMACHANDRAN<br>RAMACHANDRAN      | File. No.       | : AAL02-350787                     |
| DOB/Gender   | : 22-07-1996 (27 Yrs 2 Month 17 Days/Female) | Referral Doctor | : Dr. Rashmi Keshava Murthy Mosale |
| Lab No.      | : 22232820190                                | Referral Clinic | : Peshawar(Irham Medical Center)   |
| Request Date | : 09-10-2023 13:55                           | Clinic File No  | : 39584                            |
| Insurance    | : No                                         |                 |                                    |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result                   | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|--------------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                          |                     |              |                                      |
| RBC                                                        | 4.09                     | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| Haemoglobin                                                | 12.0                     | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| HCT                                                        | 36.8                     | %                   | 36.0 - 46.0  | Hydrodynamic focusing                |
| MCV                                                        | 90.0                     | fl                  | 83.0 - 101.0 | Calculation                          |
| MCH                                                        | 29.3                     | pg                  | 27-32        | Calculation                          |
| MCHC                                                       | 32.6                     | g/dL                | 31.5 - 34.5  | Calculation                          |
| Platelet Count                                             | 253                      | 10 <sup>3</sup> /uL | 150-400      | Hydrodynamic Focusing(DCD)           |
| WBC                                                        | <b>11.08<sup>H</sup></b> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                          |                     |              |                                      |
| Neutrophils                                                | 76.7                     | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| Lymphocytes                                                | <b>11.8<sup>L</sup></b>  | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| Monocytes                                                  | 5.8                      | %                   | 2-10         | Flow Cytometry                       |
| Eosinophils                                                | 5.3                      | %                   | 1 - 6        | Flow Cytometry                       |
| Basophils                                                  | 0.4                      | %                   | <1-2         | Flow Cytometry                       |
| Band Forms                                                 | 0.0                      | %                   | < 6          | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (ABSOLUTE)</u></b>                |                          |                     |              |                                      |
| Neutrophils (Absolute)                                     | <b>8.50<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| Lymphocytes (Absolute)                                     | 1.31                     | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| Monocytes (Absolute)                                       | 0.64                     | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| Eosinophils (Absolute)                                     | <b>0.59<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| Basophils (Absolute)                                       | 0.04                     | 10 <sup>3</sup> /uL | 0.02 - 0.10  | Calculation                          |
| Band Forms (Absolute)                                      | 0.00                     | 10 <sup>3</sup> /uL | < 0.66       | Calculation                          |

Remarks:

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 : 09-10-2023 12:00:00  
Authenticated On : 09-10-2023 15:27:04  
Printed On : 09-10-2023 16:56:18

Received On : 09-10-2023 13:56:00  
Released On : 09-10-2023 16:21:13

*Pring*

**Padmapriya Kumaresan**  
Sr. Technician  
DHA/LS2992011/243822

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

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

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result            | Units | Ref. Range | Method              |
|---------------------|-------------------|-------|------------|---------------------|
| CRP - quant (serum) | 9.67 <sup>H</sup> | mg/L  | < 5.0      | Immunoturbidimetric |

**Remarks:**

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

Sample Type : Serum

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**INFLUENZA VIRUS TYPE A & B ANTIGEN  
IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES**

| Test Name                              | Result   | Units       | Ref. Range | Method               |
|----------------------------------------|----------|-------------|------------|----------------------|
| <b>*Influenza Virus Type A Antigen</b> | Negative | Qualitative | Negative   | Immunochromatography |

Please note, the sensitivity of this Immunoassay is 50 - 70 % according to the Center of Disease Control (CDC), Atlanta. According to the manufacturer the sensitivity is 90 %. Therefore we recommend to better test for PCR.

|                                        |          |             |          |                      |
|----------------------------------------|----------|-------------|----------|----------------------|
| <b>*Influenza Virus Type B Antigen</b> | Negative | Qualitative | Negative | Immunochromatography |
|----------------------------------------|----------|-------------|----------|----------------------|

Sample Type : Nasopharyngeal Swab

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

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