

### LABORATORY REPORT

|              |                                              |                 |                                  |
|--------------|----------------------------------------------|-----------------|----------------------------------|
| Name         | : MARICRIS PORTUGAL MARTINEZ                 | File. No.       | : AAL02-291633                   |
| DOB/Gender   | : 25-05-1990 (32 Yrs 9 Month 19 Days/Female) | Referral Doctor | : Dr. Enomen Goodluck Ekata      |
| Lab No.      | : 22230750168                                | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 16-03-2023 13:16                           | Clinic File No  | :                                |
| Insurance    | : No                                         |                 |                                  |

### HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result                  | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                         |                     |              |                                      |
| <b>RBC</b>                                                 | <b>5.17<sup>H</sup></b> | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 14.4                    | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 43.0                    | %                   | 36.0 - 46.0  | Hydrodynamic focusing                |
| <b>MCV</b>                                                 | 83.2                    | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 27.9                    | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 33.5                    | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 393                     | 10 <sup>3</sup> /uL | 150-400      | Hydrodynamic Focusing(DCD)           |
| <b>WBC</b>                                                 | 8.41                    | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                         |                     |              |                                      |
| <b>Neutrophils</b>                                         | 55.0                    | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 25.3                    | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | <b>13.0<sup>H</sup></b> | %                   | 2-10         | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | <b>6.1<sup>H</sup></b>  | %                   | 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>                              | 4.63                    | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 2.13                    | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | <b>1.09<sup>H</sup></b> | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | <b>0.51<sup>H</sup></b> | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.05                    | 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.

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 : 16-03-2023 11:00:00  
Authenticated On : 16-03-2023 15:51:57  
Printed On : 16-03-2023 16:56:01

Received On : 16-03-2023 13:17:00  
Released On : 16-03-2023 16:26:55

*Pring*

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

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| Request Date | : 16-03-2023 13:16                           | Clinic File No  | :                                |
| Insurance    | : No                                         |                 |                                  |

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

Sample Type : EDTA WB

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### CLINICAL BIOCHEMISTRY

| Test Name           | Result             | Units | Ref. Range | Method              |
|---------------------|--------------------|-------|------------|---------------------|
| CRP - quant (serum) | 10.31 <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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DHA/LS/248469

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

| Test Name                       | Result   | Units       | Ref. Range | Method               |
|---------------------------------|----------|-------------|------------|----------------------|
| *Influenza Virus Type A Antigen | 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.

|                                 |          |             |          |                      |
|---------------------------------|----------|-------------|----------|----------------------|
| *Influenza Virus Type B Antigen | Negative | Qualitative | Negative | Immunochromatography |
|---------------------------------|----------|-------------|----------|----------------------|

Sample Type : Nasopharyngeal Swab

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

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Laboratory Director  
DHA/LS/248469

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Authenticated On : 16-03-2023 15:02:53  
Printed On : 16-03-2023 15:52:01

Received On : 16-03-2023 13:17:00  
Released On : 16-03-2023 15:08:28  
Reprinted On : 16-03-2023 16:56:01

*Pring*

**Padmapriya Kumaresan**  
Sr. Technician  
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