

### LABORATORY REPORT

Name : **CHERYL MELISSA CORDEIRO JERAMIAS** File. No. : **AAL02-367631**  
**EMMANUEL CORDEIRO**  
 DOB/Gender : **13-05-1995 (28 Yrs 8 Month 13 Days/Female)** Referral Doctor : **Dr. Sajid Sanaullah Khan**  
 Lab No. : **22240190291** Referral Clinic : **Peshawar(Irham Medical Center)**  
 Request Date : **19-01-2024 21:23** Clinic File No : **39711**  
 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>4.83<sup>H</sup></b>  | 10 <sup>12</sup> /L | 3.80 - 4.80  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 12.9                     | g/dl                | 12.0 - 15.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 40.8                     | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| <b>MCV</b>                                                 | 84.5                     | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | <b>26.7<sup>L</sup></b>  | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 31.6                     | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 341                      | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| <b>WBC</b>                                                 | <b>10.68<sup>H</sup></b> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                          |                     |              |                                      |
| <b>Neutrophils</b>                                         | 68.5                     | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | <b>15.9<sup>L</sup></b>  | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 9.9                      | %                   | 2-10         | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 5.1                      | %                   | 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>                              | <b>7.31<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | 1.70                     | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | <b>1.06<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | <b>0.55<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.06                     | 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.

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Reference range related to Age/Gender.

**Dr. Solmaz Siddiqui**  
Laboratory Director  
DHA/LS/248469

H/L Collected On : 19-01-2024 21:05:00 Received On : 19-01-2024 21:24:00  
 Authenticated On : 19-01-2024 23:33:24 Released On : 19-01-2024 23:38:48  
 Printed On : 20-01-2024 13:56:03



**Esmeralda Obenita**  
Lab Incharge  
DHA/LS/2992011/ 241430

### LABORATORY REPORT

|              |                                                         |                 |                                  |
|--------------|---------------------------------------------------------|-----------------|----------------------------------|
| Name         | : CHERYL MELISSA CORDEIRO JERAMIAS<br>EMMANUEL CORDEIRO | File. No.       | : AAL02-367631                   |
| DOB/Gender   | : 13-05-1995 (28 Yrs 8 Month 13 Days/Female)            | Referral Doctor | : Dr. Sajid Sanaullah Khan       |
| Lab No.      | : 22240190291                                           | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 19-01-2024 21:23                                      | Clinic File No  | : 39711                          |
| 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                    |
|---------------------------------|--------------------------|-------|------------------------|---------------------------|
| <b>C-Reactive Protein (CRP)</b> | <b>10.00<sup>H</sup></b> | 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

#### Remarks:

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Sample Type : Serum

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**HORMONES/ENDOCRINE/TUMOR MARKERS**

| Test Name                                       | Result | Units  | Ref. Range                                                                                                                                                                                                                                                                                                                                                | Method |
|-------------------------------------------------|--------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| <b>BhCG (Beta Human Chorionic Gonadotropin)</b> | <0.20  | mIU/mL | Female : Non pregnant < 5.3<br>Pregnant: Weeks Post LMP<br>3 Wk: 5.8-71.2<br>4 Wk: 9.5-750<br>5 Wk: 217-7138<br>6 Wk: 158-31795<br>7 Wk: 3697-163563<br>8 Wk: 32065-149571<br>9 Wk: 63803-151410<br>10 Wk: 46509-186977<br>12 Wk: 27832-210612<br>14 Wk: 13950-62530<br>15 Wk: 12039-70971<br>16 Wk: 9040-56451<br>17 Wk: 8175-55868<br>18 Wk: 8099-58176 | ECLIA  |

Conversion Formula: (Concentration in mIU/mL) x (1) = IU/L

*In non-pregnant women & men, it can also be produced by tumors of the trophoblast, germ cell tumors with trophoblastic components and some non-trophoblastic tumors. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration. Please note Reference Range Reviewed w.ef 15/10/23.*

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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                                    | Yellow   |       | Yellow           | Light Scatter                   |
| Appearance                               | Cloudy   |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.019    |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 5.00     |       | 4.6 - 8.0        | Litmus reaction                 |
| Glucose                                  | Negative |       | Negative         | Enz.Rn/Reflect                  |
| Ketone                                   | Negative |       | Negative         | Legal's method                  |
| Protein                                  | Trace    |       | Negative         | Dye Binding                     |
| Blood                                    | ++       |       | 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         | Enz.Rn/Reflect                  |
| <b><u>MICROSCOPIC EXAMINATION</u></b>    |          |       |                  |                                 |
| Pus Cells                                | 95 - 100 | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| RBC's                                    | 25 - 50  | /HPF  | 0 - 2            | F.D.I/Microscopy                |
| Epithelial cells                         | 4 - 6    | /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                            | +        | /HPF  | Absent           | F.D.I/Microscopy                |
| Calcium Oxalate Crystals                 | +++      | /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 the new methodology is effective from 31-10-2022.*

#### Remarks:

Test results to be interpreted in light of clinical history. To be investigated further if clinically indicated.

Sample Type : Urine

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

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