

## LABORATORY REPORT

Name : **SHEENA DACANAY JAPSON** File. No. : **AAL02-318794**  
DOB/Gender : **26-04-1998 (25 Yrs 8 Month 14 Days/Female)** Referral Doctor : **Dr. Enomen Goodluck Ekata**  
Lab No. : **22233620117** Referral Clinic : **Peshawar(Irham Medical Center)**  
Request Date : **28-12-2023 14:06** Clinic File No : **40083**  
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>                                                 | 4.11                     | 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>                                                 | 38.9                     | %                   | 36.0 - 46.0  | Hydrodynamic focusing (HF)           |
| <b>MCV</b>                                                 | 94.6                     | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 31.4                     | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 33.2                     | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 239                      | 10 <sup>3</sup> /uL | 150-400      | HF (DCD)                             |
| <b>WBC</b>                                                 | <b>10.21<sup>H</sup></b> | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                          |                     |              |                                      |
| <b>Neutrophils</b>                                         | 56.3                     | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | 31.9                     | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | 6.5                      | %                   | 2-10         | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 4.7                      | %                   | 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>                              | 5.75                     | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | <b>3.26<sup>H</sup></b>  | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 0.66                     | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.48                     | 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.

### **ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED**

These tests are accredited under ISO 15189:2012 unless specified by (\*)

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Reference range related to Age/Gender.

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

H/L Collected On : 28-12-2023 10:00:00 Received On : 28-12-2023 14:07:00  
Authenticated On : 28-12-2023 15:42:53 Released On : 28-12-2023 16:25:56  
Printed On : 28-12-2023 16:30:31

*Prings*

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

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Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

| Test Name                | Result | Units | Ref. Range | Method              |
|--------------------------|--------|-------|------------|---------------------|
| <b>ESR (whole blood)</b> | 5      | mmhr  | up to 15   | Modified Westergren |

Sample Type : EDTA WB

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| Lab No.      | : 22233620117                                | Referral Clinic | : Peshawar(Irham Medical Center) |
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### CLINICAL BIOCHEMISTRY

| Test Name                       | Result | Units | Ref. Range             | Method                    |
|---------------------------------|--------|-------|------------------------|---------------------------|
| <b>C-Reactive Protein (CRP)</b> | <0.60  | 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                               | Slightly-Cloudy    |       | Clear            | Light Scatter                   |
| Specific Gravity                         | 1.002 <sup>L</sup> |       | 1.005 - 1.030    | Refractrometry                  |
| PH                                       | 6.50               |       | 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         | Enz.Rn/Reflect                  |
| <b><u>MICROSCOPIC EXAMINATION</u></b>    |                    |       |                  |                                 |
| Pus Cells                                | 4 - 6              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| RBC's                                    | 0 - 1              | /HPF  | 0 - 2            | F.D.I/Microscopy                |
| Epithelial cells                         | 4 - 6              | /HPF  | 1 - 4            | F.D.I/Microscopy                |
| Bacteria                                 | Rare               | /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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| Test Name | Result | Units | Ref. Range | Method |
|-----------|--------|-------|------------|--------|
|-----------|--------|-------|------------|--------|

Bilirubin and Urobilinogen if clinically indicated.

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

Sample Type : Urine

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

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