

## LABORATORY REPORT

|              |                                            |                 |                                  |
|--------------|--------------------------------------------|-----------------|----------------------------------|
| Name         | : ASWIN CHENTHAMARA                        | File. No.       | : AAL02-321011                   |
| DOB/Gender   | : 18-08-1988 (34 Yrs 10 Month 1 Days/Male) | Referral Doctor | : Dr. Sumaiya Galib              |
| Lab No.      | : 22231700176                              | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 19-06-2023 13:29:04                      | Clinic File No  | : 40342                          |
| Insurance    | : AXA INSURANCE                            |                 |                                  |

## HAEMATOLOGY & COAGULATION

| Test Name                                                  | Result                  | Units               | Ref. Range   | Method                               |
|------------------------------------------------------------|-------------------------|---------------------|--------------|--------------------------------------|
| <b><u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u></b> |                         |                     |              |                                      |
| <b>RBC</b>                                                 | <b>5.65<sup>H</sup></b> | 10 <sup>12</sup> /L | 4.50 - 5.50  | Hydrodynamic focusing (DC Detection) |
| <b>Haemoglobin</b>                                         | 15.7                    | g/dl                | 13.0 - 17.0  | Photometry-SLS                       |
| <b>HCT</b>                                                 | 46.6                    | %                   | 40.0 - 50.0  | Hydrodynamic focusing                |
| <b>MCV</b>                                                 | <b>82.5<sup>L</sup></b> | fl                  | 83.0 - 101.0 | Calculation                          |
| <b>MCH</b>                                                 | 27.8                    | pg                  | 27-32        | Calculation                          |
| <b>MCHC</b>                                                | 33.7                    | g/dL                | 31.5 - 34.5  | Calculation                          |
| <b>Platelet Count</b>                                      | 213                     | 10 <sup>3</sup> /uL | 150 - 400    | Hydrodynamic Focusing(DCD)           |
| <b>WBC</b>                                                 | 6.66                    | 10 <sup>3</sup> /uL | 4.00 - 10.00 | Flow Cytometry                       |
| <b><u>DIFFERENTIAL COUNT (%)</u></b>                       |                         |                     |              |                                      |
| <b>Neutrophils</b>                                         | 41.1                    | %                   | 40.0 - 80.0  | Flow Cytometry                       |
| <b>Lymphocytes</b>                                         | <b>45.2<sup>H</sup></b> | %                   | 20.0 - 40.0  | Flow Cytometry                       |
| <b>Monocytes</b>                                           | <b>10.2<sup>H</sup></b> | %                   | 2.0-10.0     | Flow Cytometry                       |
| <b>Eosinophils</b>                                         | 2.9                     | %                   | 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>                              | 2.74                    | 10 <sup>3</sup> /uL | 2.00 - 7.00  | Calculation                          |
| <b>Lymphocytes (Absolute)</b>                              | <b>3.01<sup>H</sup></b> | 10 <sup>3</sup> /uL | 1.00 - 3.00  | Calculation                          |
| <b>Monocytes (Absolute)</b>                                | 0.68                    | 10 <sup>3</sup> /uL | 0.20 - 1.00  | Calculation                          |
| <b>Eosinophils (Absolute)</b>                              | 0.19                    | 10 <sup>3</sup> /uL | 0.02 - 0.50  | Calculation                          |
| <b>Basophils (Absolute)</b>                                | 0.04                    | 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 : 19-06-2023 11:00:00  
Authenticated On : 19-06-2023 15:52:56  
Received On : 19-06-2023 13:29:00  
Released On : 19-06-2023 16:25:34

*Prings*

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

### LABORATORY REPORT

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| Lab No.      | : 22231700176                              | Referral Clinic | : Peshawar(Irham Medical Center) |
| Request Date | : 19-06-2023 13:29:04                      | Clinic File No  | : 40342                          |
| Insurance    | : AXA INSURANCE                            |                 |                                  |

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

Sample Type : EDTA WB

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| Lab No.      | : <b>22231700176</b>                              | Referral Clinic | : <b>Peshawar(Irham Medical Center)</b> |
| Request Date | : <b>19-06-2023 13:29:04</b>                      | Clinic File No  | : <b>40342</b>                          |
| Insurance    | : <b>AXA INSURANCE</b>                            |                 |                                         |

## CLINICAL BIOCHEMISTRY

| Test Name                  | Result | Units | Ref. Range                                                              | Method    |
|----------------------------|--------|-------|-------------------------------------------------------------------------|-----------|
| <b>HbA1c (whole blood)</b> | 5.5    | %     | Normal: =< 5.6<br>High risk/prediabetes: 5.7-6.4*<br>Diabetes: => 6.5** | Enzymatic |

\* Requires screening by glucose criteria.

\*\* Confirm by repeating the test on a different day.

Kindly note new reference range for HbA1c effective from 7/6/2020.

Sample Type : EDTA WB

|                          |       |       |          |                    |
|--------------------------|-------|-------|----------|--------------------|
| <b>Glucose - Fasting</b> | 74.94 | mg/dL | 70 - 100 | Hexokinase/G-6-PDH |
|--------------------------|-------|-------|----------|--------------------|

According to American Diabetes Association 2010, fasting plasma glucose (FPG) levels of (100-125 mg/dl) are in the increased risk category for diabetes.

Sample Type : Fluoride Plasma

|                                  |      |       |  |                     |
|----------------------------------|------|-------|--|---------------------|
| <b>Microalbumin - Spot Urine</b> | 5.59 | ug/mL |  | Immunoturbidimetric |
|----------------------------------|------|-------|--|---------------------|

Kindly note that no normal range is given for Microalbumin of Spot Urine Sample, and the normal range of 24 hrs collection is (<30 mg/day).

To evaluate the diagnostic performance of the micro-albumin measurements in urine sample, it is suggested to request one of the following:

- Microalbumin - 24 hrs

- Microalbumin/Creatinine Ratio - Spot Urine

Due to variability in urinary albumin excretion, atleast two of three results measured within 6 months should show elevated levels before a patient is designated as having microalbuminuria. Exercise within 24 hrs, infection, fever, congestive heart failure, marked hyperglycemia and marked hypertension may elevate urinary albumin excretion over baseline values.

Sample Type : Random Urine

|                            |                         |       |           |                     |
|----------------------------|-------------------------|-------|-----------|---------------------|
| <b>CRP - quant (serum)</b> | <b>8.18<sup>H</sup></b> | mg/L  | < 5.0     | Immunoturbidimetric |
| <b>Uric Acid (serum)</b>   | <b>8.40<sup>H</sup></b> | mg/dL | 3.7 - 7.7 | Uricase             |

Kindly note new reference range for Uric acid effective from 20/1/2022

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

Sample Type : Serum

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

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