



UNMATCHED SERVICE  
SINCE 1979...

Date: 21-07-2021

Effective Date: 21-07-2021

## Certificate of Calibration

**Customer Name: Arth Diagnostic Centre, Udaipur**

**Model : Automated Hematology Analyzer Sysmex XNL-550**

**Serial No. : 16914-RR**

**Calibration Done Date: 21.7.21**

**Next Calibration Due Date On or Before: 22-07-2022**

**Lab In-charge: . Mr. Praveen Sharma**

*This is to certify that the above-mentioned product has been verified of calibration according to the standard procedures provided by Sysmex Corporation, Japan.*

*The reference instruments used for value-assignment are managed by the traceability system in Sysmex Corporation and these are traceable to the International Standards, such as ICSH.*

Calibration at site performed by  
Upendra Kumar  
App.Spec.  
Transasia Bio-Medicals Ltd  
Mumbai

Encl:

1. Certificate of Inspection
2. Assay Sheet of Calibrator XN
3. Printouts
4. Traceability & Uncertainty document



Date: 21-07-2021  
Effective Date: 21-07-2021

## Certificate of Inspection

1. Model: Automated Hematology Analyzer Sysmex XNL-550
2. Serial No.: 16914-RR
3. Calibration Date: 21-07-2021
4. Material used: XN-CAL (Lot No. 11932101, Expiry date:15-Aug-2021)

By comparing your data to the results of the standard counters in Sysmex Corporation, the calibration for XN Analyzer parameters using the measurement standard material (XN-CAL) was completed. The calibration result of 10 runs is summarized in the following table. Please refer to the attached sheets for the details.

Technical Service Department  
Transasia Bio-Medicals Ltd



## 5. BACKGROUND CHECK

| PARAMETER | RESULT | Range                          |
|-----------|--------|--------------------------------|
| WBC-N     | 0.0    | $0.1 \times 10^3$ /uL or less  |
| WBC-D     | 0.0    | $0.1 \times 10^3$ /uL or less  |
| RBC       | 0.0    | $0.02 \times 10^6$ /uL or less |
| HGB       | 0.0    | 0.1g/dl or less                |
| PLT       | 0.0    | $10 \times 10^6$ /uL or less   |

Technical Service Department  
Transasia Bio-Medicals Ltd

< XN CAL™ ASSAY SHEET >

For XN-10 and XN-20

Lot No. 11932101

Exp. Date 2021-08-15

|        | RBC<br>10 <sup>6</sup> /μL | HGB   |         | HCT<br>% | PLT<br>10 <sup>3</sup> /μL |
|--------|----------------------------|-------|---------|----------|----------------------------|
|        |                            | g/dL  | m mol/L |          |                            |
| TARGET | 4.353                      | 11.90 | 7.39    | 34.78    | 243.0                      |

|        | WBC                 | WBC-D               | WBC-P               | RET%  | RBC-O               | PLT-O               |
|--------|---------------------|---------------------|---------------------|-------|---------------------|---------------------|
|        | 10 <sup>3</sup> /μL | 10 <sup>3</sup> /μL | 10 <sup>3</sup> /μL | %     | 10 <sup>6</sup> /μL | 10 <sup>3</sup> /μL |
| TARGET | 6.833               | 6.997               | 7.127               | 2.261 | 4.291               | 244.3               |

There are some parameters which is not displayed on IPU according to the instrument.

Please refer to the package insert for the handling of the XN CAL.

Do not leave calibrator in the room temperature over an hour.

Please store it in a refrigerator (2-8°C) immediately after use.



Calibrator Calibration History

Instrument Nickname: XN-L  
 Material: XN CAL

Calibration Date: 21/07/2021 17:30:27  
 Lot No.: 11932101

Logon Name: sysmex

|                      | WBC   | RBC   | HGB   | HCT   | PLT   |
|----------------------|-------|-------|-------|-------|-------|
| Target               | 7.098 | 4.376 | 12.00 | 34.53 | 246.5 |
| No. 2                | 6.95  | 4.34  | 12.4  | 33.6  | 249   |
| No. 3                | 6.86  | 4.34  | 12.4  | 33.6  | 244   |
| No. 4                | 7.00  | 4.36  | 12.5  | 33.7  | 252   |
| No. 5                | 7.00  | 4.32  | 12.4  | 33.4  | 242   |
| No. 6                | 7.02  | 4.33  | 12.5  | 33.5  | 252   |
| No. 7                | 6.89  | 4.32  | 12.5  | 33.4  | 243   |
| No. 8                | 7.19  | 4.37  | 12.5  | 33.8  | 257   |
| No. 9                | 6.93  | 4.41  | 12.5  | 34.1  | 253   |
| No. 10               | 7.14  | 4.33  | 12.5  | 33.6  | 236   |
| No. 11               | 7.02  | 4.37  | 12.5  | 33.8  | 245   |
| Range Value          | 0.33  | 0.09  | 0.1   | 0.7   | 21    |
| Max Range            | 0.55  | 0.13  | 0.2   | 1.0   | 26    |
| Mean Value           | 7.000 | 4.349 | 12.47 | 33.65 | 247.3 |
| Delta Percent (%)    | 1.40  | 0.62  | 3.77  | 2.62  | 0.32  |
| Acceptable Limit (%) | 2.27  | 1.25  | 0.78  | 2.64  | 4.16  |
| Service Limit (%)    | 14.00 | 4.00  | 5.00  | 5.00  | 10.00 |
| Current Rate (%)     | 100.0 | 101.9 | 106.6 | 100.0 | 100.0 |
| New Rate (%)         | 100.0 | 101.9 | 102.6 | 102.6 | 100.0 |

## Precision Check Log

Instrument Nickname: XN-L

Execution Date: 21/07/2021 17:06:06

Logon Name: sysmex

|            | WBC   | RBC   | HGB   | HCT   | PLT   |
|------------|-------|-------|-------|-------|-------|
| No. 2      | 6.62  | 4.36  | 13.9  | 41.4  | 307   |
| No. 3      | 6.82  | 4.36  | 13.9  | 41.3  | 310   |
| No. 4      | 6.82  | 4.32  | 13.8  | 41.1  | 305   |
| No. 5      | 6.70  | 4.39  | 13.9  | 41.5  | 306   |
| No. 6      | 6.88  | 4.32  | 13.8  | 41.0  | 305   |
| No. 7      | 6.80  | 4.37  | 13.8  | 41.4  | 313   |
| No. 8      | 6.75  | 4.33  | 13.9  | 41.1  | 316   |
| No. 9      | 6.65  | 4.36  | 13.8  | 41.4  | 314   |
| No. 10     | 6.97  | 4.31  | 13.9  | 40.9  | 312   |
| No. 11     | 6.89  | 4.37  | 13.8  | 41.4  | 323   |
| Mean Value | 6.790 | 4.349 | 13.85 | 41.25 | 311.1 |
| SD         | 0.111 | 0.027 | 0.05  | 0.21  | 5.7   |
| CV (%)     | 1.6   | 0.6   | 0.4   | 0.5   | 1.8   |
| Limit (%)  | 3.0   | 1.5   | 1.0   | 1.5   | 4.0   |



# Arth Diagnostic Centre, Udaipur

Sample No. : PRE-CHK-01

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 16:38:45

Report Generation: 21/07/2021 17:34

## HAEMATOLOGY TEST REPORT

| Test Name                          | Result      | Unit                  | Reference Range | RBC                               |            |
|------------------------------------|-------------|-----------------------|-----------------|-----------------------------------|------------|
| <b>Haemoglobin</b>                 | <b>13.9</b> | [g/dL]                | ( 8.0 - 17.0)   | <p>WDF</p>                        |            |
| TRBC (Erythrocytes)                | 4.38        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |            |
| PCV (Haematocrit)<br>(RBC Indices) | 41.4        | [%]                   | ( 26.0 - 50.0)  |                                   |            |
| ICV                                | 94.5        | [fL]                  | ( 86.0 - 110.0) |                                   |            |
| MCH                                | 31.7        | [pg]                  | ( 26.0 - 38.0)  |                                   |            |
| MCHC                               | 33.6        | [g/dL]                | ( 31.0 - 37.0)  |                                   |            |
| RDW-SD                             | 48.7        | [fL]                  | ( 37.0 - 54.0)  |                                   |            |
| RDW-CV                             | 13.6        | [%]                   | ( 11.0 - 16.0)  |                                   |            |
| <b>White Blood Cells</b>           | <b>6.93</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |                                   | <p>PLT</p> |
| (%Differential Count)              |             |                       |                 |                                   |            |
| Neutrophils %                      | 59.1        | [%]                   | ( 37.0 - 72.0)  | NEUT# 4.09 [10 <sup>3</sup> /uL]  |            |
| Lymphocytes %                      | 35.2        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.44 [10 <sup>3</sup> /uL] |            |
| Eosinophils %                      | 1.7         | [%]                   | ( 0.0 - 6.0)    | EO# 0.12 [10 <sup>3</sup> /uL]    |            |
| Monocytes %                        | 3.3         | [%]                   | ( 0.0 - 14.0)   | MONO# 0.23 [10 <sup>3</sup> /uL]  |            |
| Basophils %                        | 0.7         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.05 [10 <sup>3</sup> /uL]  |            |
| IG%                                | 0.1         | [%]                   | ( 0.0 - 72.0)   | IG# 0.01 [10 <sup>3</sup> /uL]    |            |
| <b>Platelets Count</b>             | <b>302</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     |                                   |            |
| PDW                                | 11.1        | [fL]                  | ( 9.0 - 17.0)   |                                   |            |
| MPV                                | 10.0        | [fL]                  | ( 9.0 - 13.0)   |                                   |            |
| P-LCR                              | 24.4        | [%]                   | ( 13.0 - 43.0)  |                                   |            |
| PCT                                | 0.30        | [%]                   | ( 0.17 - 0.35)  |                                   |            |

### Comment

Methodology: TLC, DIC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**



## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-11

Date : 21/07/2021

Patient Name:

Age/Sex : /

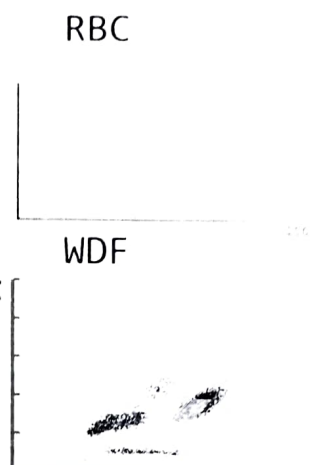

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:28:02

Report Generation: 21/07/2021 17:36

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |   |                            |                  |  |
|--------------------------|-------------|-----------------------|-----------------|---|----------------------------|------------------|--|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   | RBC   |                            |                  |  |
| TRBC (Erythrocytes)      | 4.37        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |   |                            |                  |  |
| PCV (Haematocrit)        | 33.8        | [%]                   | ( 26.0 - 50.0)  |   |                            |                  |  |
| (RBC Indices)            |             |                       |                 |   |                            |                  |  |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) |   |                            |                  |  |
| MCH                      | 28.6        | [pg]                  | ( 26.0 - 38.0)  |   |                            |                  |  |
| MCHC                     | 37.0        | [g/dL]                | ( 31.0 - 37.0)  |   |                            |                  |  |
| RDW-SD                   | 46.1        | [fL]                  | ( 37.0 - 54.0)  |   |                            |                  |  |
| RDW-CV                   | 16.1        | [%]                   | ( 11.0 - 16.0)  |   |                            |                  |  |
| <b>White Blood Cells</b> | <b>7.02</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |   |                            | WDF              |  |
| (%Differential Count)    |             |                       |                 |   |                            | (Absolute Count) |  |
| Neutrophils %            | 41.5        | [%]                   | ( 37.0 - 72.0)  | NEUT#   | 2.92 [10 <sup>3</sup> /uL] |                  |  |
| Lymphocytes %            | 30.1        | [%]                   | ( 20.0 - 50.0)  | LYMPH#  | 2.11 [10 <sup>3</sup> /uL] |                  |  |
| Eosinophils %            | 11.8        | [%]                   | ( 0.0 - 6.0)    | EO#   | 0.83 [10 <sup>3</sup> /uL] |                  |  |
| Monocytes %              | 10.3        | [%]                   | ( 0.0 - 14.0)   | MONO#   | 0.72 [10 <sup>3</sup> /uL] |                  |  |
| Basophils %              | 6.3         | [%]                   | ( 0.0 - 1.0)    | BASO#   | 0.44 [10 <sup>3</sup> /uL] |                  |  |
| IG%                      | 11.1        | [%]                   | ( 0.0 - 72.0)   | IG#   | 0.78 [10 <sup>3</sup> /uL] |                  |  |
| <b>Platlets Count</b>    | <b>245</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT   |                            |                  |  |
| PDW                      | 8.9         | [fL]                  | ( 9.0 - 17.0)   |  |                            |                  |  |
| MPV                      | 9.2         | [fL]                  | ( 9.0 - 13.0)   |   |                            |                  |  |
| P-LCR                    | 15.0        | [%]                   | ( 13.0 - 43.0)  |   |                            |                  |  |
| PCT                      | 0.22        | [%]                   | ( 0.17 - 0.35)  |   |                            |                  |  |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-09

Patient Name:

Date : 21/07/2021

Ref.By. :

Age/Sex : /

Sample Received Date: 21/07/2021 17:25:44

Sample Type : Whole Blood

Report Generation: 21/07/2021 17:36

### HAEMATOLOGY TEST REPORT

**Test Name**

**Result Unit Reference Range**

**Haemoglobin**

TRBC (Erythrocytes)

PCV (Haematocrit)

(RBC Indices)

MCV

MCH

MCHC

RDW-SD

RDW-CV

**White Blood Cells**

(%Differential Count)

Neutrophils %

Lymphocytes %

Eosinophils %

Monocytes %

Basophils %

IG%

**Platelets Count**

PDW

MPV

P-LCR

PCT

RBC

WDF

(Absolute Count)

NEUT# 2.76 [10<sup>3</sup>/uL]

LYMPH# 2.26 [10<sup>3</sup>/uL]

EO# 0.79 [10<sup>3</sup>/uL]

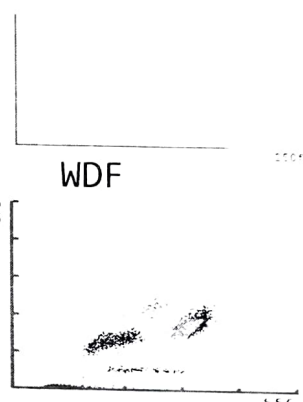
MONO# 0.71 [10<sup>3</sup>/uL]

BASO# 0.41 [10<sup>3</sup>/uL]

IG# 0.70 [10<sup>3</sup>/uL]

PLT

| Test Name                | Result      | Unit                  | Reference Range |
|--------------------------|-------------|-----------------------|-----------------|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   |
| TRBC (Erythrocytes)      | 4.41        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |
| PCV (Haematocrit)        | 34.1        | [%]                   | ( 26.0 - 50.0)  |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) |
| MCH                      | 28.3        | [pg]                  | ( 26.0 - 38.0)  |
| MCHC                     | 36.7        | [g/dL]                | ( 31.0 - 37.0)  |
| RDW-SD                   | 46.5        | [fL]                  | ( 37.0 - 54.0)  |
| RDW-CV                   | 16.2        | [%]                   | ( 11.0 - 16.0)  |
| <b>White Blood Cells</b> | <b>6.93</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |
| ( %Differential Count )  |             |                       |                 |
| Neutrophils %            | 39.9        | [%]                   | ( 37.0 - 72.0)  |
| Lymphocytes %            | 32.6        | [%]                   | ( 20.0 - 50.0)  |
| Eosinophils %            | 11.4        | [%]                   | ( 0.0 - 6.0)    |
| Monocytes %              | 10.2        | [%]                   | ( 0.0 - 14.0)   |
| Basophils %              | 5.9         | [%]                   | ( 0.0 - 1.0)    |
| IG%                      | 10.1        | [%]                   | ( 0.0 - 72.0)   |
| <b>Platelets Count</b>   | <b>253</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     |
| PDW                      | 8.3         | [fL]                  | ( 9.0 - 17.0)   |
| MPV                      | 9.3         | [fL]                  | ( 9.0 - 13.0)   |
| P-LCR                    | 14.9        | [%]                   | ( 13.0 - 43.0)  |
| PCT                      | 0.24        | [%]                   | ( 0.17 - 0.35)  |



**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

# Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-10

Patient Name:

Date : 21/07/2021

Ref. By. :

Age/Sex : /

Sample Received Date: 21/07/2021 17:23:58

Sample Type : Whole Blood

Report Generation: 21/07/2021 17:36

## HAEMATOLOGY TEST REPORT

### Test Name

**Result Unit Reference Range**

### Haemoglobin

**12.5** [g/dL] ( 8.0 - 17.0)

TRBC (Erythrocytes)

4.33 [ $10^6/uL$ ] ( 2.50 - 5.50)

PCV (Haematocrit)

33.6 [%] ( 26.0 - 50.0)

(RBC Indices)

MCV

77.6 [fL] ( 86.0 - 110.0)

MCH

28.9 [pg] ( 26.0 - 38.0)

MCHC

37.2 [g/dL] ( 31.0 - 37.0)

RDW-SD

46.2 [fL] ( 37.0 - 54.0)

RDW-CV

16.3 [%] ( 11.0 - 16.0)

### White Blood Cells

**7.14** [ $10^3/uL$ ] ( 3.00 - 15.00)

(%Differential Count)

Neutrophils %

41.9 [%] ( 37.0 - 72.0)

Lymphocytes %

32.1 [%] ( 20.0 - 50.0)

Eosinophils %

10.9 [%] ( 0.0 - 6.0)

Monocytes %

9.8 [%] ( 0.0 - 14.0)

Basophils %

5.3 [%] ( 0.0 - 1.0)

IG%

11.3 [%] ( 0.0 - 72.0)

### Platelets Count

**236** [ $10^3/uL$ ] ( 50 - 400)

PDW

8.5 [fL] ( 9.0 - 17.0)

MPV

9.3 [fL] ( 9.0 - 13.0)

P-LCR

15.7 [%] ( 13.0 - 43.0)

PCT

0.22 [%] ( 0.17 - 0.35)

RBC

WDF

(Absolute Count)

NEUT# 2.99 [ $10^3/uL$ ]

LYMPH# 2.29 [ $10^3/uL$ ]

EOS# 0.78 [ $10^3/uL$ ]

MONO# 0.70 [ $10^3/uL$ ]

BASO# 0.38 [ $10^3/uL$ ]

IG# 0.81 [ $10^3/uL$ ]

PLT

### Comment

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC - Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

# Arth Diagnostic Centre, Udaipur

Sample No. : CAI-CAI-09

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref. By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:22:19

Report Generation: 21/07/2021 17:36

## HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |                                   |
|--------------------------|-------------|-----------------------|-----------------|-----------------------------------|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   | RBC                               |
| TRBC (Erythrocytes)      | 4.37        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |
| PCV (Haematocrit)        | 33.8        | [%]                   | ( 26.0 - 50.0)  |                                   |
| (RBC Indices)            |             |                       |                 |                                   |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) | WDF                               |
| MCH                      | 28.6        | [pg]                  | ( 26.0 - 38.0)  |                                   |
| MCHC                     | 37.0        | [g/dL]                | ( 31.0 - 37.0)  |                                   |
| RDW-SD                   | 46.6        | [fL]                  | ( 37.0 - 54.0)  |                                   |
| RDW-CV                   | 16.2        | [%]                   | ( 11.0 - 16.0)  |                                   |
| <b>White Blood Cells</b> | <b>7.24</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) | (Absolute Count)                  |
| (%Differential Count)    |             |                       |                 |                                   |
| Neutrophils %            | 40.7        | [%]                   | ( 37.0 - 72.0)  | NEUT# 2.95 [10 <sup>3</sup> /uL]  |
| Lymphocytes %            | 31.4        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.27 [10 <sup>3</sup> /uL] |
| Eosinophils %            | 11.5        | [%]                   | ( 0.0 - 6.0)    | EO# 0.83 [10 <sup>3</sup> /uL]    |
| Monocytes %              | 10.2        | [%]                   | ( 0.0 - 14.0)   | MONO# 0.74 [10 <sup>3</sup> /uL]  |
| Basophils %              | 6.2         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.45 [10 <sup>3</sup> /uL]  |
| IG%                      | 11.0        | [%]                   | ( 0.0 - 72.0)   | IG# 0.80 [10 <sup>3</sup> /uL]    |
| <b>Platelets Count</b>   | <b>242</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT                               |
| PDW                      | 8.3         | [fL]                  | ( 9.0 - 17.0)   |                                   |
| MPV                      | 9.3         | [fL]                  | ( 9.0 - 13.0)   |                                   |
| P-LCR                    | 14.8        | [%]                   | ( 13.0 - 43.0)  |                                   |
| PCT                      | 0.22        | [%]                   | ( 0.17 - 0.35)  |                                   |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**



## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-08

Date : 21/07/2021

Patient Name:

Age/Sex : /


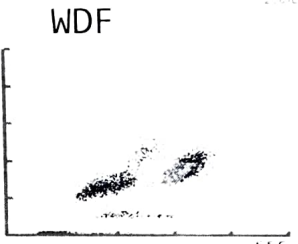
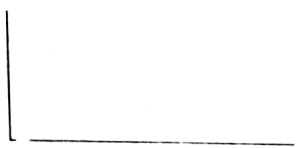
Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:20:21

Report Generation: 21/07/2021 17:36

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |  |      |   |  |                       |
|--------------------------|-------------|-----------------------|-----------------|--|------|---|--|-----------------------|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   | <div style="text-align: center;">RBC</div>    |      |   |  |                       |
| TRBC (Erythrocytes)      | 4.37        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |  |      |   |  |                       |
| PCV (Haematocrit)        | 33.8        | [%]                   | ( 26.0 - 50.0)  |  |      |   |  |                       |
| (RBC Indices)            |             |                       |                 |  |      |   |  |                       |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) |  |      |   |  |                       |
| MCH                      | 28.6        | [pg]                  | ( 26.0 - 38.0)  |  |      |   |  |                       |
| MCHC                     | 37.0        | [g/dL]                | ( 31.0 - 37.0)  |  |      |   |  |                       |
| RDW-SD                   | 46.0        | [fL]                  | ( 37.0 - 54.0)  |  |      |   |  |                       |
| RDW-CV                   | 16.1        | [%]                   | ( 11.0 - 16.0)  |  |      |   |  |                       |
| <b>White Blood Cells</b> | <b>7.19</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |  |      | <div style="text-align: center;">WDF</div>  |  |                       |
| (%Differential Count)    |             |                       |                 |  |      |   |  |                       |
| Neutrophils %            | 39.9        | [%]                   | ( 37.0 - 72.0)  | NEUT#  | 2.87 |   |  | [10 <sup>3</sup> /uL] |
| Lymphocytes %            | 32.5        | [%]                   | ( 20.0 - 50.0)  | LYMPH#   | 2.34 |   |  | [10 <sup>3</sup> /uL] |
| Eosinophils %            | 11.4        | [%]                   | ( 0.0 - 6.0)    | EO#  | 0.82 |   |  | [10 <sup>3</sup> /uL] |
| Monocytes %              | 10.2        | [%]                   | ( 0.0 - 14.0)   | MONO#  | 0.73 |   |  | [10 <sup>3</sup> /uL] |
| Basophils %              | 6.0         | [%]                   | ( 0.0 - 1.0)    | BASO#  | 0.43 |   |  | [10 <sup>3</sup> /uL] |
| IG%                      | 10.4        | [%]                   | ( 0.0 - 72.0)   | IG#  | 0.75 | [10 <sup>3</sup> /uL]   |  |                       |
| <b>Platlets Count</b>    | <b>257</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | <div style="text-align: center;">PLT</div>  |      |   |  |                       |
| PDW                      | 8.9         | [fL]                  | ( 9.0 - 17.0)   |  |      |   |  |                       |
| MPV                      | 9.4         | [fL]                  | ( 9.0 - 13.0)   |  |      |   |  |                       |
| P-LCR                    | 17.2        | [%]                   | ( 13.0 - 43.0)  |  |      |   |  |                       |
| PCT                      | 0.24        | [%]                   | ( 0.17 - 0.35)  |  |      |   |  |                       |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

# Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-07

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

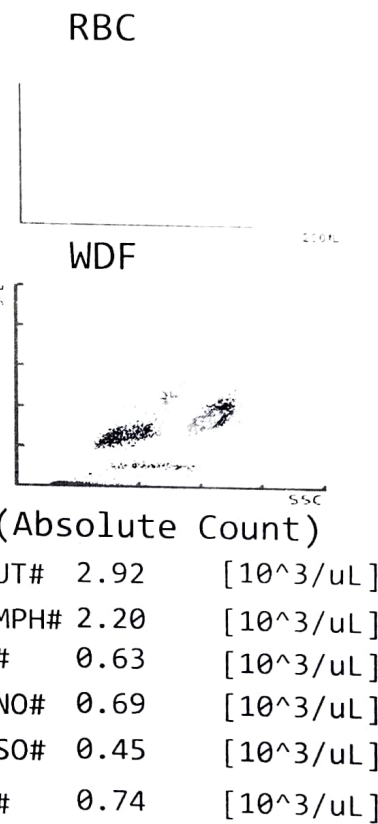
Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:18:48

Report Generation: 21/07/2021 17:36

## HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |
|--------------------------|-------------|-----------------------|-----------------|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   |
| TRBC (Erythrocytes)      | 4.32        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |
| PCV (Haematocrit)        | 33.4        | [%]                   | ( 26.0 - 50.0)  |
| (RBC Indices)            |             |                       |                 |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) |
| MCH                      | 28.9        | [pg]                  | ( 26.0 - 38.0)  |
| MCHC                     | 37.4        | [g/dL]                | ( 31.0 - 37.0)  |
| RDW-SD                   | 46.2        | [fL]                  | ( 37.0 - 54.0)  |
| RDW-CV                   | 16.1        | [%]                   | ( 11.0 - 16.0)  |
| <b>White Blood Cells</b> | <b>6.89</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |
| (%Differential Count)    |             |                       |                 |
| Neutrophils %            | 42.5        | [%]                   | ( 37.0 - 72.0)  |
| Lymphocytes %            | 31.9        | [%]                   | ( 20.0 - 50.0)  |
| Eosinophils %            | 9.1         | [%]                   | ( 0.0 - 6.0)    |
| Monocytes %              | 10.0        | [%]                   | ( 0.0 - 14.0)   |
| Basophils %              | 6.5         | [%]                   | ( 0.0 - 1.0)    |
| IG%                      | 10.7        | [%]                   | ( 0.0 - 72.0)   |
| <b>Platelets Count</b>   | <b>243</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     |
| PDW                      | 8.4         | [fL]                  | ( 9.0 - 17.0)   |
| MPV                      | 9.5         | [fL]                  | ( 9.0 - 13.0)   |
| P-LCR                    | 16.3        | [%]                   | ( 13.0 - 43.0)  |
| PCT                      | 0.23        | [%]                   | ( 0.17 - 0.35)  |



**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-06

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:17:19

Report Generation: 21/07/2021 17:36

### HAEMATOLOGY TEST REPORT

| Test Name                          | Result      | Unit                  | Reference Range |                                   |
|------------------------------------|-------------|-----------------------|-----------------|-----------------------------------|
| <b>Haemoglobin</b>                 | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   | RBC                               |
| TRBC (Erythrocytes)                | 4.33        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |
| PCV (Haematocrit)<br>(RBC Indices) | 33.5        | [%]                   | ( 26.0 - 50.0)  |                                   |
| MCV                                | 77.4        | [fL]                  | ( 86.0 - 110.0) |                                   |
| MCH                                | 28.9        | [pg]                  | ( 26.0 - 38.0)  |                                   |
| MCHC                               | 37.3        | [g/dL]                | ( 31.0 - 37.0)  |                                   |
| RDW-SD                             | 46.3        | [fL]                  | ( 37.0 - 54.0)  |                                   |
| RDW-CV                             | 16.3        | [%]                   | ( 11.0 - 16.0)  |                                   |
| <b>White Blood Cells</b>           | <b>7.02</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) | (Absolute Count)                  |
| (%Differential Count)              |             |                       |                 |                                   |
| Neutrophils %                      | 43.3        | [%]                   | ( 37.0 - 72.0)  | NEUT# 3.04 [10 <sup>3</sup> /uL]  |
| Lymphocytes %                      | 31.3        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.20 [10 <sup>3</sup> /uL] |
| Eosinophils %                      | 9.1         | [%]                   | ( 0.0 - 6.0)    | EO# 0.64 [10 <sup>3</sup> /uL]    |
| Monocytes %                        | 10.0        | [%]                   | ( 0.0 - 14.0)   | MONO# 0.70 [10 <sup>3</sup> /uL]  |
| Basophils %                        | 6.3         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.44 [10 <sup>3</sup> /uL]  |
| IG%                                | 11.0        | [%]                   | ( 0.0 - 72.0)   | IG# 0.77 [10 <sup>3</sup> /uL]    |
| <b>Platlets Count</b>              | <b>252</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT                               |
| PDW                                | 8.7         | [fL]                  | ( 9.0 - 17.0)   |                                   |
| MPV                                | 9.2         | [fL]                  | ( 9.0 - 13.0)   |                                   |
| P-LCR                              | 15.4        | [%]                   | ( 13.0 - 43.0)  |                                   |
| PCT                                | 0.23        | [%]                   | ( 0.17 - 0.35)  |                                   |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

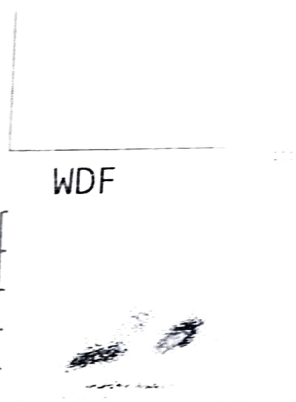
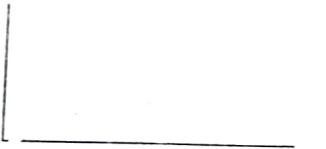
**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**



## Arth Diagnostic Centre, Udaipur

|   |                                     |
|---|-------------------------------------|
| Sample No. : CAL-CAL-05                   | Date : 21/07/2021                   |
| Patient Name:                             | Age/Sex : /                         |
| Ref.By. :                                 | Sample Type : Whole Blood           |
| Sample Received Date: 21/07/2021 17:15:50 | Report Generation: 21/07/2021 17:36 |

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range | RBC   |
|--------------------------|-------------|-----------------------|-----------------|---|
| <b>Haemoglobin</b>       | <b>12.4</b> | [g/dL]                | ( 8.0 - 17.0)   |    |
| TRBC (Erythrocytes)      | 4.32        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |   |
| PCV (Haematocrit)        | 33.4        | [%]                   | ( 26.0 - 50.0)  |   |
| (RBC Indices)            |             |                       |                 |   |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) |   |
| MCH                      | 28.7        | [pg]                  | ( 26.0 - 38.0)  |   |
| MCHC                     | 37.1        | [g/dL]                | ( 31.0 - 37.0)  |   |
| RDW-SD                   | 46.4        | [fL]                  | ( 37.0 - 54.0)  |   |
| RDW-CV                   | 16.3        | [%]                   | ( 11.0 - 16.0)  |   |
| <b>White Blood Cells</b> | <b>7.00</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |   |
| (%Differential Count)    |             |                       |                 |   |
| Neutrophils %            | 43.7        | [%]                   | ( 37.0 - 72.0)  | NEUT# 3.06 [10 <sup>3</sup> /uL]  |
| Lymphocytes %            | 31.0        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.17 [10 <sup>3</sup> /uL]   |
| Eosinophils %            | 9.3         | [%]                   | ( 0.0 - 6.0)    | EO# 0.65 [10 <sup>3</sup> /uL]  |
| Monocytes %              | 10.3        | [%]                   | ( 0.0 - 14.0)   | MONO# 0.72 [10 <sup>3</sup> /uL]  |
| Basophils %              | 5.7         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.40 [10 <sup>3</sup> /uL]  |
| IG%                      | 11.7        | [%]                   | ( 0.0 - 72.0)   | IG# 0.82 [10 <sup>3</sup> /uL]  |
| <b>Platelets Count</b>   | <b>242</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT   |
| PDW                      | 8.4         | [fL]                  | ( 9.0 - 17.0)   |  |
| MPV                      | 9.3         | [fL]                  | ( 9.0 - 13.0)   |   |
| P-LCR                    | 15.0        | [%]                   | ( 13.0 - 43.0)  |   |
| PCT                      | 0.23        | [%]                   | ( 0.17 - 0.35)  |   |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**





## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-02

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:10:36

Report Generation: 21/07/2021 17:37

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |                                   |                  |
|--------------------------|-------------|-----------------------|-----------------|-----------------------------------|------------------|
| <b>Haemoglobin</b>       | <b>12.4</b> | [g/dL]                | ( 8.0 - 17.0)   | RBC                               |                  |
| TRBC (Erythrocytes)      | 4.34        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |                  |
| PCV (Haematocrit)        | 33.6        | [%]                   | ( 26.0 - 50.0)  |                                   |                  |
| (RBC Indices)            |             |                       |                 |                                   |                  |
| MCV                      | 77.4        | [fL]                  | ( 86.0 - 110.0) |                                   |                  |
| MCH                      | 28.6        | [pg]                  | ( 26.0 - 38.0)  |                                   |                  |
| MCHC                     | 36.9        | [g/dL]                | ( 31.0 - 37.0)  |                                   |                  |
| RDW-SD                   | 46.6        | [fL]                  | ( 37.0 - 54.0)  |                                   |                  |
| RDW-CV                   | 16.1        | [%]                   | ( 11.0 - 16.0)  |                                   |                  |
| <b>White Blood Cells</b> | <b>6.95</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |                                   | WDF              |
| (%Differential Count)    |             |                       |                 |                                   | (Absolute Count) |
| Neutrophils %            | 43.0        | [%]                   | ( 37.0 - 72.0)  | NEUT# 2.99 [10 <sup>3</sup> /uL]  |                  |
| Lymphocytes %            | 31.5        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.19 [10 <sup>3</sup> /uL] |                  |
| Eosinophils %            | 9.8         | [%]                   | ( 0.0 - 6.0)    | EO# 0.68 [10 <sup>3</sup> /uL]    |                  |
| Monocytes %              | 10.2        | [%]                   | ( 0.0 - 14.0)   | MONO# 0.71 [10 <sup>3</sup> /uL]  |                  |
| Basophils %              | 5.5         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.38 [10 <sup>3</sup> /uL]  |                  |
| IG%                      | 10.9        | [%]                   | ( 0.0 - 72.0)   | IG# 0.76 [10 <sup>3</sup> /uL]    |                  |
| <b>Platelets Count</b>   | <b>249</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT                               |                  |
| PDW                      | 9.0         | [fL]                  | ( 9.0 - 17.0)   |                                   |                  |
| MPV                      | 9.3         | [fL]                  | ( 9.0 - 13.0)   |                                   |                  |
| P-LCR                    | 16.3        | [%]                   | ( 13.0 - 43.0)  |                                   |                  |
| PCT                      | 0.23        | [%]                   | ( 0.17 - 0.35)  |                                   |                  |

#### Comment

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

## Arth Diagnostic Centre, Udaipur

Sample No. : CAL-CAL-01

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:08:23

Report Generation: 21/07/2021 17:37

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |        |      |                  |  |                       |
|--------------------------|-------------|-----------------------|-----------------|--------|------|------------------|--|-----------------------|
| <b>Haemoglobin</b>       | <b>12.5</b> | [g/dL]                | ( 8.0 - 17.0)   | RBC    |      |                  |  |                       |
| TRBC (Erythrocytes)      | 4.36        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |        |      |                  |  |                       |
| PCV (Haematocrit)        | 33.7        | [%]                   | ( 26.0 - 50.0)  |        |      |                  |  |                       |
| (RBC Indices)            |             |                       |                 |        |      |                  |  |                       |
| MCV                      | 77.3        | [fL]                  | ( 86.0 - 110.0) | WDF    |      |                  |  |                       |
| MCH                      | 28.7        | [pg]                  | ( 26.0 - 38.0)  |        |      |                  |  |                       |
| MCHC                     | 37.1        | [g/dL]                | ( 31.0 - 37.0)  |        |      |                  |  |                       |
| RDW-SD                   | 46.3        | [fL]                  | ( 37.0 - 54.0)  |        |      |                  |  |                       |
| RDW-CV                   | 16.2        | [%]                   | ( 11.0 - 16.0)  |        |      |                  |  |                       |
| <b>White Blood Cells</b> | <b>7.10</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |        |      | (Absolute Count) |  |                       |
| (%Differential Count)    |             |                       |                 |        |      |                  |  |                       |
| Neutrophils %            | 43.2        | [%]                   | ( 37.0 - 72.0)  | NEUT#  | 3.07 |                  |  | [10 <sup>3</sup> /uL] |
| Lymphocytes %            | 32.3        | [%]                   | ( 20.0 - 50.0)  | LYMPH# | 2.29 |                  |  | [10 <sup>3</sup> /uL] |
| Eosinophils %            | 9.7         | [%]                   | ( 0.0 - 6.0)    | EO#    | 0.69 |                  |  | [10 <sup>3</sup> /uL] |
| Monocytes %              | 9.3         | [%]                   | ( 0.0 - 14.0)   | MONO#  | 0.66 |                  |  | [10 <sup>3</sup> /uL] |
| Basophils %              | 5.5         | [%]                   | ( 0.0 - 1.0)    | BASO#  | 0.39 |                  |  | [10 <sup>3</sup> /uL] |
| IG%                      | 10.8        | [%]                   | ( 0.0 - 72.0)   | IG#    | 0.77 |                  |  | [10 <sup>3</sup> /uL] |
| <b>Platelets Count</b>   | <b>245</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT    |      |                  |  |                       |
| PDW                      | 9.0         | [fL]                  | ( 9.0 - 17.0)   |        |      |                  |  |                       |
| MPV                      | 9.2         | [fL]                  | ( 9.0 - 13.0)   |        |      |                  |  |                       |
| P-LCR                    | 15.4        | [%]                   | ( 13.0 - 43.0)  |        |      |                  |  |                       |
| PCT                      | 0.23        | [%]                   | ( 0.17 - 0.35)  |        |      |                  |  |                       |

#### Comment

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**



## Arth Diagnostic Centre, Udaipur

Sample No. : PRE-CHK-11

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref. By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:05:43

Report Generation: 21/07/2021 17:37

### HAEMATOLOGY TEST REPORT

| Test Name                          | Result      | Unit                  | Reference Range | RBC                               |  |
|------------------------------------|-------------|-----------------------|-----------------|-----------------------------------|--|
| <b>Haemoglobin</b>                 | <b>13.8</b> | [g/dL]                | ( 8.0 - 17.0)   |                                   |  |
| TRBC (Erythrocytes)                | 4.37        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |  |
| PCV (Haematocrit)<br>(RBC Indices) | 41.4        | [%]                   | ( 26.0 - 50.0)  |                                   |  |
| MCV                                | 94.7        | [fL]                  | ( 86.0 - 110.0) |                                   |  |
| MCH                                | 31.6        | [pg]                  | ( 26.0 - 38.0)  |                                   |  |
| MCHC                               | 33.3        | [g/dL]                | ( 31.0 - 37.0)  |                                   |  |
| RDW-SD                             | 48.4        | [fL]                  | ( 37.0 - 54.0)  |                                   |  |
| RDW-CV                             | 13.5        | [%]                   | ( 11.0 - 16.0)  |                                   |  |
| <b>White Blood Cells</b>           | <b>6.89</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |                                   |  |
| (%Differential Count)              |             |                       |                 |                                   |  |
| Neutrophils %                      | 58.5        | [%]                   | ( 37.0 - 72.0)  | NEUT# 4.03 [10 <sup>3</sup> /uL]  |  |
| Lymphocytes %                      | 36.6        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.52 [10 <sup>3</sup> /uL] |  |
| Eosinophils %                      | 1.7         | [%]                   | ( 0.0 - 6.0)    | EO# 0.12 [10 <sup>3</sup> /uL]    |  |
| Monocytes %                        | 2.6         | [%]                   | ( 0.0 - 14.0)   | MONO# 0.18 [10 <sup>3</sup> /uL]  |  |
| Basophils %                        | 0.6         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.04 [10 <sup>3</sup> /uL]  |  |
| IG%                                | 0.1         | [%]                   | ( 0.0 - 72.0)   | IG# 0.01 [10 <sup>3</sup> /uL]    |  |
| <b>Platelets Count</b>             | <b>323</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT                               |  |
| PDW                                | 11.5        | [fL]                  | ( 9.0 - 17.0)   |                                   |  |
| MPV                                | 10.4        | [fL]                  | ( 9.0 - 13.0)   |                                   |  |
| P-LCR                              | 26.8        | [%]                   | ( 13.0 - 43.0)  |                                   |  |
| PCT                                | 0.33        | [%]                   | ( 0.17 - 0.35)  |                                   |  |

#### Comment

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

# Arth Diagnostic Centre, Udaipur

Sample No. : PRE-CHK-10

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 17:01:28

Report Generation: 21/07/2021 17:37

## HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range | RBC                               |
|--------------------------|-------------|-----------------------|-----------------|-----------------------------------|
| <b>Haemoglobin</b>       | <b>13.9</b> | [g/dL]                | ( 8.0 - 17.0)   |                                   |
| TRBC (Erythrocytes)      | 4.31        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |                                   |
| PCV (Haematocrit)        | 40.9        | [%]                   | ( 26.0 - 50.0)  |                                   |
| (RBC Indices)            |             |                       |                 |                                   |
| MCV                      | 94.9        | [fL]                  | ( 86.0 - 110.0) |                                   |
| MCH                      | 32.3        | [pg]                  | ( 26.0 - 38.0)  |                                   |
| MCHC                     | 34.0        | [g/dL]                | ( 31.0 - 37.0)  |                                   |
| RDW-SD                   | 48.4        | [fL]                  | ( 37.0 - 54.0)  |                                   |
| RDW-CV                   | 13.7        | [%]                   | ( 11.0 - 16.0)  |                                   |
| <b>White Blood Cells</b> | <b>6.97</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |                                   |
| (%Differential Count)    |             |                       |                 | (Absolute Count)                  |
| Neutrophils %            | 58.7        | [%]                   | ( 37.0 - 72.0)  | NEUT# 4.09 [10 <sup>3</sup> /uL]  |
| Lymphocytes %            | 36.3        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.53 [10 <sup>3</sup> /uL] |
| Eosinophils %            | 1.4         | [%]                   | ( 0.0 - 6.0)    | EO# 0.10 [10 <sup>3</sup> /uL]    |
| Monocytes %              | 2.7         | [%]                   | ( 0.0 - 14.0)   | MONO# 0.19 [10 <sup>3</sup> /uL]  |
| Basophils %              | 0.9         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.06 [10 <sup>3</sup> /uL]  |
| IG%                      | 0.1         | [%]                   | ( 0.0 - 72.0)   | IG# 0.01 [10 <sup>3</sup> /uL]    |
| <b>Platelets Count</b>   | <b>312</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT                               |
| PDW                      | 11.7        | [fL]                  | ( 9.0 - 17.0)   |                                   |
| MPV                      | 10.2        | [fL]                  | ( 9.0 - 13.0)   |                                   |
| P-LCR                    | 26.1        | [%]                   | ( 13.0 - 43.0)  |                                   |
| PCT                      | 0.32        | [%]                   | ( 0.17 - 0.35)  |                                   |

### Comment

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**





## Arth Diagnostic Centre, Udaipur

Sample No. : PRE-CHK-08

Date : 21/07/2021

Patient Name:

Age/Sex : /

Ref.By. :

Sample Type : Whole Blood

Sample Received Date: 21/07/2021 16:52:01

Report Generation: 21/07/2021 17:37

### HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range |  |
|--------------------------|-------------|-----------------------|-----------------|--|
| <b>Haemoglobin</b>       | <b>13.9</b> | [g/dL]                | ( 8.0 - 17.0)   | <div style="text-align: center;">RBC</div> |
| TRBC (Erythrocytes)      | 4.33        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |  |
| PCV (Haematocrit)        | 41.1        | [%]                   | ( 26.0 - 50.0)  |  |
| (RBC Indices)            |             |                       |                 |  |
| CV                       | 94.9        | [fL]                  | ( 86.0 - 110.0) |  |
| MCH                      | 32.1        | [pg]                  | ( 26.0 - 38.0)  |  |
| MCHC                     | 33.8        | [g/dL]                | ( 31.0 - 37.0)  |  |
| RDW-SD                   | 48.5        | [fL]                  | ( 37.0 - 54.0)  |  |
| RDW-CV                   | 13.8        | [%]                   | ( 11.0 - 16.0)  |  |
| <b>White Blood Cells</b> | <b>6.75</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |  |
| (%Differential Count)    |             |                       |                 |  |
| Neutrophils %            | 57.8        | [%]                   | ( 37.0 - 72.0)  |  |
| Lymphocytes %            | 36.6        | [%]                   | ( 20.0 - 50.0)  |  |
| Eosinophils %            | 1.9         | [%]                   | ( 0.0 - 6.0)    |  |
| Monocytes %              | 3.0         | [%]                   | ( 0.0 - 14.0)   |  |
| Basophils %              | 0.7         | [%]                   | ( 0.0 - 1.0)    |  |
| IG%                      | 0.0         | [%]                   | ( 0.0 - 72.0)   |  |
| <b>Platelets Count</b>   | <b>316</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | <div style="text-align: center;">PLT</div> |
| PDW                      | 11.3        | [fL]                  | ( 9.0 - 17.0)   |  |
| MPV                      | 10.3        | [fL]                  | ( 9.0 - 13.0)   |  |
| P-LCR                    | 26.3        | [%]                   | ( 13.0 - 43.0)  |  |
| PCT                      | 0.33        | [%]                   | ( 0.17 - 0.35)  |  |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.


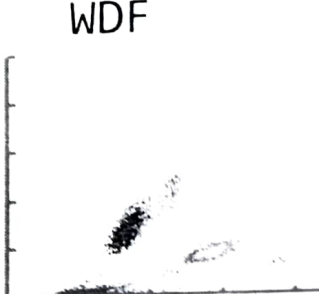

\*\*\*\*\*End Of Report\*\*\*\*\*

**Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.**

Sample No. : PRE-CHK-07  
 Patient Name:  
 Ref. By. :  
 Sample Received Date: 21/07/2021 16:49:49

Date : 21/07/2021  
 Age/Sex : /  
 Sample Type : Whole Blood  
 Report Generation: 21/07/2021 17:49:49

## HAEMATOLOGY TEST REPORT

| Test Name                | Result      | Unit                  | Reference Range | RBC   |
|--------------------------|-------------|-----------------------|-----------------|---|
| <b>Haemoglobin</b>       | <b>13.8</b> | [g/dL]                | ( 8.0 - 17.0)   |    |
| TRBC (Erythrocytes)      | 4.37        | [10 <sup>6</sup> /uL] | ( 2.50 - 5.50)  |   |
| PCV (Haematocrit)        | 41.4        | [%]                   | ( 26.0 - 50.0)  |   |
| (RBC Indices)            |             |                       |                 |   |
| MCV                      | 94.7        | [fL]                  | ( 86.0 - 110.0) |    |
| MCH                      | 31.6        | [pg]                  | ( 26.0 - 38.0)  |   |
| MCHC                     | 33.3        | [g/dL]                | ( 31.0 - 37.0)  |   |
| RDW-SD                   | 48.3        | [fL]                  | ( 37.0 - 54.0)  |   |
| RDW-CV                   | 13.6        | [%]                   | ( 11.0 - 16.0)  |   |
| <b>White Blood Cells</b> | <b>6.80</b> | [10 <sup>3</sup> /uL] | ( 3.00 - 15.00) |   |
|                          |             |                       |                 | (%Differential Count)   |
| Neutrophils %            | 58.7        | [%]                   | ( 37.0 - 72.0)  | NEUT# 3.99 [10 <sup>3</sup> /uL]  |
| Lymphocytes %            | 36.0        | [%]                   | ( 20.0 - 50.0)  | LYMPH# 2.45 [10 <sup>3</sup> /uL]   |
| Eosinophils %            | 1.6         | [%]                   | ( 0.0 - 6.0)    | EO# 0.11 [10 <sup>3</sup> /uL]  |
| Monocytes %              | 3.1         | [%]                   | ( 0.0 - 14.0)   | MONO# 0.21 [10 <sup>3</sup> /uL]  |
| Basophils %              | 0.6         | [%]                   | ( 0.0 - 1.0)    | BASO# 0.04 [10 <sup>3</sup> /uL]  |
| IG%                      | 0.1         | [%]                   | ( 0.0 - 72.0)   | IG# 0.01 [10 <sup>3</sup> /uL]  |
| <b>Platlets Count</b>    | <b>313</b>  | [10 <sup>3</sup> /uL] | ( 50 - 400)     | PLT   |
| PDW                      | 11.4        | [fL]                  | ( 9.0 - 17.0)   |  |
| MPV                      | 10.2        | [fL]                  | ( 9.0 - 13.0)   |   |
| P-LCR                    | 26.4        | [%]                   | ( 13.0 - 43.0)  |   |
| PCT                      | 0.32        | [%]                   | ( 0.17 - 0.35)  |   |

**Comment**

Methodology: TLC, DLC-Fluorescent Flow Cytometry, HB-SLS Method, TRBC, PCV, PLT-Electric Impedance/MCV, MCH, MCHC-Calculation.

\*\*\*\*\*End Of Report\*\*\*\*\*

Test done on sysmex 6-part fully automatic analyzer XN-550, Japan.