

Date: 23/04/2023

Calibration Certificate

This is to certify that following Automated Hematology Analyzer has been calibrated with details as below :

Instrument Model : XN-100

Instrument Serial No. : 11542

Installed at : Suman Hospital, Gomti nagar, Sultanpur 228001

Calibrator Lot No. : 31072101

Calibrator Expiry : 2023-05-21

Calibration Done on : 2023-04-23

Next Calibration Due : On or before 2024-04-23

for Sysmex India Pvt. Ltd.



Anoop Kumar Singh
Area Service Manager
Authorized Signatory

Encl.:

1. Calibrator Traceability Sheet.

< XN CAL™ ASSAY SHEET for service staff >

For XN-10 and XN-20

Lot No. **31072101**

Use between * **2023-04-24** and **2023-04-30**

Exp. Date **2023-05-21**

| | RBC 10 ⁶ /μL | HGB | | HCT % | PLT 10 ³ /μL | MPV fL |
|--------|----------------------------|-------|---------|----------|----------------------------|-----------|
| | | g/dL | m mol/L | | | |
| TARGET | 4.345 | 11.88 | 7.37 | 34.98 | 241.7 | 8.5 |

| | WBC 10 ³ /μL | WBC-D 10 ³ /μL | WBC-P 10 ³ /μL | RET% % | RBC-O 10 ⁶ /μL | PLT-O 10 ³ /μL |
|--------|----------------------------|------------------------------|------------------------------|-----------|------------------------------|------------------------------|
| TARGET | 7.409 | 7.501 | 7.666 | 2.526 | 4.280 | 237.9 |

| | MCV fL | MCH ** | | MCHC ** | | RBC-He | | RET-He | |
|--------|-----------|--------|-------|---------|---------|--------|-------|--------|-------|
| | | pg | f mol | g/dL | m mol/L | pg | f mol | pg | f mol |
| TARGET | 80.5 | 27.3 | 1.697 | 34.0 | 21.1 | 28.4 | 1.763 | 25.4 | 1.576 |

| | RET# ** 10 ⁶ /μL | HFR ** % | MFR ** % | LFR ** % | IRF ** % |
|--------|--------------------------------|-------------|-------------|-------------|-------------|
| TARGET | 0.110 | 2.1 | 22.7 | 75.2 | 24.8 |

| | WNR-X (SFL) ch | WNR-Y (FSL) ch | WNR-Z (SSC) ch | WDF-X (SSC) ch | WDF-Y (SFL) ch | WDF-Z (FSL) ch | WPC-X (SSC) ch | WPC-Y (SFL) ch | WPC-Z (FSL) ch |
|--------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| TARGET | 182.6 | 166.9 | 116.2 | 169.5 | 101.6 | 117.1 | 205.8 | 195.1 | 133.1 |

| | RET-RBC-X (SFL) ch | RET-RBC-Y (FSL) ch | RET-RBC-Z (SSC) ch | PLT-F-RBC-X (SFL) ch | PLT-F-RBC-Y (FSL) ch | PLT-F-Z (SSC) ch |
|--------|--------------------------|--------------------------|--------------------------|----------------------------|----------------------------|------------------------|
| TARGET | 24.2 | 161.0 | 25.3 | 91.1 | 231.8 | 30.7 |

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.

*: This refers to the validity of the assay values for service parameters.

** : Don't calibrate ** marked parameter.