

HORIBA

Explore the future

HORIBA India Private Ltd.

246, Okhla Industrial

Estate, Phase - III 110

020 New Delhi, India

Tel: +91 (11) 4646 5000 / 4669 5001

Fax: +91 (11) 4669 5010 / 4646 5020

HIN/MED/2022-2023/1005848

20th March 2022

CALIBRATION CERTIFICATE

This is to certify that the Hematology Analyzer **ABX YUMIZEN H1500** bearing serial number: **103M1XH00641** installed at **Redcliffe lifetech Pvt. Ltd., Chandigarh** as calibrated on 20th March 2022

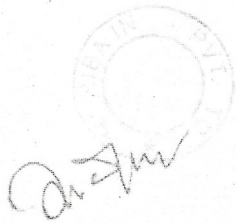
Calibrator : ABX MINOCAL

Lot No. : CX468

Expiry Date : 05th April 2022

The reports of Blank Cycle, Repeatability and Calibration Values were all found in acceptable range.

Next calibration cycle is due on **19th Sep 2022.**



Shrish Dixit

(Head- Products & Marketing)

For **Horiba India Pvt. Ltd.**

HORIBA

Medical

YUMIZEN H1500

(Serial no: 103M1XH00641)

Fully Automated Hematology Analyzer

Performance Qualification

For

REDCLIFFE LIFETECH PVT LTD

SCO-171, 1st Floor, SECTOR-37C, CHANDIGARH

#246, Okhla Industrial Estate, Phase III, New Delhi 110020, India, Tel: 011 4646 5000.

Visit us: <http://www.horiba.com/in/>

A. Performance Qualification

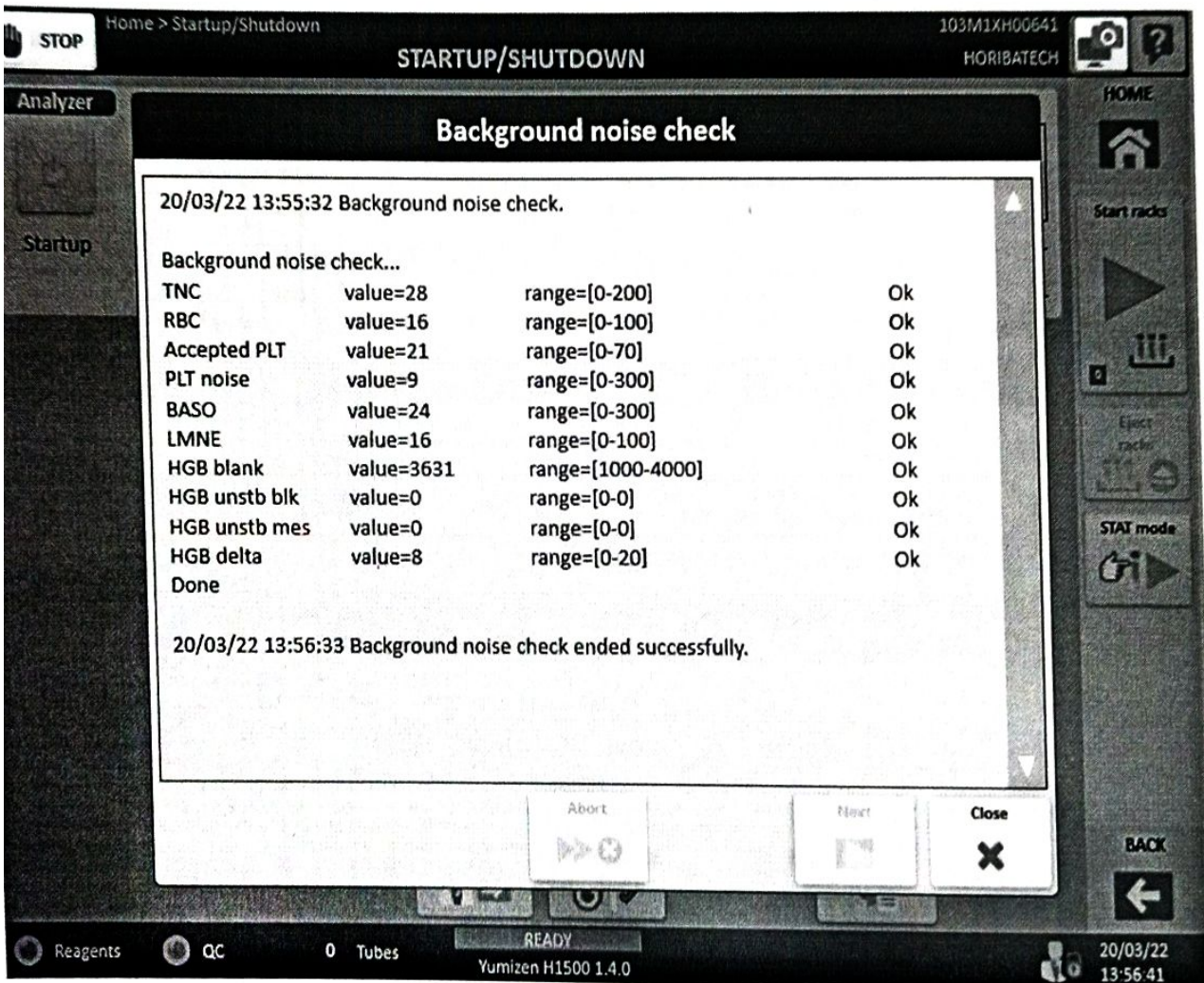
. Instrument Identification :

Instrument Name : YUMIZEN H1500

Serial Number : 103M1XH00641

Following is the list of test to be performed and verified

Blank Reference cycle: To verify the Startup Cycle of the instrument.



- **Calibration:** To calibrate the Instrument using calibrator (ABX Minocal) and verify the same.

Procedure: Go to Quality Assurance icon on main screen and then Calibration icon. Run Calibrator (ABX Minocal) 11 times, without taking the values of first run, calibrate the instrument using average of the last 5 runs. Run Calibrator as a sample to verify the calibration.

Lot: CX468 ; Expiry: 05.04.2022

Home > Quality Assurance > Calibration

103M1XH00641
HORIBATECH

STOP **CALIBRATION** HOME

Tube: CX468 Analysis mode: Automatic Runs: 10/11

Press Confirm to save results.

| | WBC HGB 10 ⁹ /mm ³ | WBC BAS 10 ⁹ /mm ³ | WBC DIF 10 ⁹ /mm ³ | RBC 10 ⁹ /mm ³ | MCV fL | PLT 10 ⁹ /mm ³ | HGB g/dL |
|--------------|---|---|---|---|-------------------------------------|---|-------------------------------------|
| Mean | 9.19 | 8.59 | 8.78 | 4.59 | 81.3 | 241 | 13.8 |
| CV (%) | 0.63 | 1.01 | 1.07 | 0.77 | 0.47 | 1.87 | 0.49 |
| Target | 9.00 | 9.00 | 9.00 | 4.64 | 84.0 | 260 | 14.0 |
| Current cal. | 1.045 | 0.988 | 0.952 | 1.174 | 0.900 | 0.944 | 0.934 |
| New cal. | 1.024 | 1.035 | 0.976 | 1.186 | 0.930 | 1.020 | 0.950 |
| Selection | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

| | WBC HGB | WBC BAS | WBC DIF | RBC | MCV | PLT | HGB | |
|---|-------------------------------------|---------|---------|------|------|------|-----|------|
| 1 | <input type="checkbox"/> | 9.15 | 8.73 | 8.81 | 4.57 | 81.3 | 226 | 13.8 |
| 2 | <input checked="" type="checkbox"/> | 9.27 | 8.42 | 8.72 | 4.63 | 81.6 | 243 | 13.7 |
| 3 | <input checked="" type="checkbox"/> | 9.14 | 8.63 | 8.83 | 4.64 | 81.2 | 251 | 13.8 |
| 4 | <input checked="" type="checkbox"/> | 9.11 | 8.63 | 8.78 | 4.58 | 81.3 | 238 | 13.7 |
| 5 | <input checked="" type="checkbox"/> | 9.27 | 8.63 | 8.92 | 4.61 | 81.9 | 241 | 13.8 |
| 6 | <input checked="" type="checkbox"/> | 9.23 | 8.53 | 8.84 | 4.55 | 81.2 | 242 | 13.8 |

Export Stop calibration Start analysis New calibration Edit Cancel Confirm

Reagents QC 0 Tubes READY Yumizen H1500 1.4.0 20/03/22 16:59:54

Conducted By: *Rajesh Sharma*

Verified By:

Control Runs: The quality of the analyzer is checked by running three levels of Controls & getting the values in the range as per the kit insert.

- **Lot:** ABX Low Diffrol PX434; **Exp:** 05.05.2022

| Parameters | Range (As per Kit Insert) | Observed Value Dated 20/03/2022 | Comments |
|------------------------|------------------------------|------------------------------------|----------|
| RBC $10^6/\text{mm}^3$ | 2.39 – 2.48 | 2.42 | Passed |
| HGB g/Dl | 6.6 – 6.8 | 6.7 | Passed |
| HCT % | 19.3 – 19.6 | 19.5 | Passed |
| MCV μm^3 | 80.8 – 85.1 | 80.8 | Passed |
| MCH pg | 26.8 – 27.8 | 27.6 | Passed |
| MCHC g/Dl | 31.7 – 33.9 | 34.2 | Passed |
| RDW % | 12.1 – 13.8 | 13.3 | Passed |
| PLT $10^3/\text{mm}^3$ | 63.0 – 86.0 | 68 | Passed |
| MPV μm^3 | 9.7 – 11.7 | 10.4 | Passed |
| WBC $10^3/\text{mm}^3$ | 2.2 – 2.4 | 2.28 | Passed |
| NEU % | 51.5 – 58.3 | 51.5 | Passed |
| NEU # | 1.16 – 1.35 | 1.26 | Passed |
| LYM % | 26.7 – 31.5 | 28.9 | Passed |
| LYM # | 0.6 – 0.74 | 0.05 | Passed |
| MON % | 0.8 – 3.6 | 2.2 | Passed |
| MON # | 0.02 – 0.34 | 0.05 | Passed |
| EOS % | 6.8 – 12.4 | 8.9 | Passed |
| EOS # | 0.16 – 1.35 | 0.20 | Passed |
| BAS % | 4.0 – 4.6 | 4.3 | Passed |
| BAS # | 0.09 – 0.1 | 0.10 | Passed |

- Lot: ABX Normal Difftrol PX434; Exp: 05.05.2022

| Parameters | Range (As per Kit Insert) | Observed Value Dated 20/03/2022 | Comments |
|--------------------------------------|---------------------------|---------------------------------|----------|
| RBC 10 ⁶ /mm ³ | 4.63-4.8 | 4.73 | Passed |
| HGB g/dl | 14.0-14.4 | 14.2 | Passed |
| HCT % | 39.5- 41.2 | 40.0 | Passed |
| MCV µm ³ | 84.7-86.4 | 84.6 | Passed |
| MCH pg | 27.5-31.5 | 29.9 | Passed |
| MCHC g/dL | 34.7-36.0 | 35.4 | Passed |
| RDW % | 11.9-12.6 | 12.6 | Passed |
| PLT 10 ³ /mm ³ | 237-272 | 255 | Passed |
| MPV µm ³ | 10.0-10.9 | 10.2 | Passed |
| WBC 10 ³ /mm ³ | 6.7- 7.28 | 7.08 | Passed |
| NEU % | 56.0-59.6 | 56.2 | Passed |
| NEU # | 3.84-4.2 | 3.97 | Passed |
| LYM % | 28.0-31.2 | 30.5 | Passed |
| LYM # | 1.89-2.19 | 2.16 | Passed |
| MON % | 1.9-4.0 | 3.8 | Passed |
| MON # | 0.13-0.28 | 0.27 | Passed |
| EOS % | 4.8-6.7 | 4.9 | Passed |
| EOS # | 0.33-0.49 | 0.35 | Passed |
| BAS % | 3.9-4.6 | 4.5 | Passed |
| BAS # | 0.26-0.33 | 0.33 | Passed |

Level III: High Control

- Lot: ABX High Diffrol PX434; Exp: 05.05.2022

| Parameters | Range (As per Kit Insert) | Observed Value Dated 03/20/2022 | Comments |
|-----------------|---------------------------|---------------------------------|----------|
| RBC $10^6/mm^3$ | 5.19-5.31 | 5.22 | Passed |
| HGB g/dl | 16.8-17.1 | 16.9 | Passed |
| HCT % | 47.5-49.0 | 48.1 | Passed |
| MCV μm^3 | 91.1-92.4 | 90.9 | Passed |
| MCH pg | 31.9-32.7 | 32.4 | Passed |
| MCHC g/dL | 34.6-35.7 | 35.6 | Passed |
| RDW % | 11.1-12.1 | 12.4 | Passed |
| PLT $10^3/mm^3$ | 464-501 | 503 | Passed |
| MPV μm^3 | 9.2-10.5 | 10.0 | Passed |
| WBC $10^3/mm^3$ | 16.46-17.18 | 16.78 | Passed |
| NEU % | 66.9-70.9 | 69.4 | Passed |
| NEU # | 11.39-11.95 | 11.64 | Passed |
| LYM % | 13.0-17.2 | 14.5 | Passed |
| LYM # | 2.19-2.94 | 2.43 | Passed |
| MON % | 3.3-5.6 | 5.5 | Passed |
| MON # | 0.56-0.95 | 0.92 | Passed |
| EOS % | 5.9-6.8 | 6.4 | Passed |
| EOS # | 0.99-1.14 | 0.98 | Passed |
| BAS % | 4.6- 4.7 | 4.7 | Passed |
| BAS # | 0.77-0.80 | 0.79 | Passed |

Conducted By:  Rajesh Sharma

Verified By:

Precision Study: Precision is checked by running blood sample in 12 replicates & getting CV% within acceptance range.

STOP
Home > Quality Assurance > Repeatability
103M1X/H50641
HORIBATECH

REPEATABILITY

Tube: 2734307922
Test: DIF
Analysis mode: Automatic
Runs: 12/12

Last repeatability test: 20/03/22

| | IBC 10 ³ /mm ³ | RBC 10 ⁹ /mm ³ | HGB g/dL | HCT % | MCV fL | RDW-SD fL | RDW-CV % | PLT 10 ⁹ /mm ³ |
|--------|---|---|-------------|----------|-----------|--------------|-------------|---|
| Min | 11.72 | 6.19 | 18.1 | 52.3 | 84.3 | 36.7 | 13.3 | 160 |
| Max | 12.05 | 6.31 | 18.3 | 53.4 | 84.9 | 39.9 | 14.1 | 179 |
| Mean | 11.94 | 6.24 | 18.2 | 52.8 | 84.6 | 37.8 | 13.7 | 172 |
| SD | 0.09 | 0.04 | 0.1 | 0.4 | 0.2 | 1.0 | 0.2 | 5 |
| CV (%) | 0.72 | 0.62 | 0.41 | 0.74 | 0.20 | 2.70 | 1.73 | 3.05 |

| | WBC | RBC | HGB | HCT | MCV | RDW-SD | RDW-CV | PLT |
|---------------------------------------|-------|------|------|------|------|--------|--------|-----|
| 1 <input checked="" type="checkbox"/> | 11.99 | 6.19 | 18.3 | 52.3 | 84.6 | 39.9 | 13.3 | 174 |
| 2 <input checked="" type="checkbox"/> | 12.00 | 6.31 | 18.3 | 53.4 | 84.6 | 39.3 | 13.5 | 174 |
| 3 <input checked="" type="checkbox"/> | 11.94 | 6.25 | 18.2 | 52.7 | 84.3 | 38.0 | 13.8 | 171 |
| 4 <input checked="" type="checkbox"/> | 11.72 | 6.24 | 18.2 | 52.8 | 84.5 | 36.7 | 13.6 | 171 |
| 5 <input checked="" type="checkbox"/> | 11.88 | 6.22 | 18.2 | 52.7 | 84.7 | 38.0 | 13.7 | 171 |

Export
 Stop repeatability
 Start analysis

New repeatability
 Edit
 Cancel
 Confirm

Reagents
QC
0 Tubes
READY
Yumizen H1500 1.4.0
20/03/22
15:14:53

STOP
Home > Quality Assurance > Repeatability
103M1XH00641
HORIBATECH

REPEATABILITY

Tube: 2740307922
Test: DIF
Analysis mode: Automatic
Runs: 11/11

Press Confirm to save results.

| | PLT 10 ⁹ /mm ³ | MPV fL | LYM% % | MON% % | NEU% % | EOS% % | BAS% % | NRBC% % |
|--------|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Min | 183 | 11.0 | 32.7 | 3.2 | 58.6 | 1.0 | 0.6 | 0.0 |
| Max | 201 | 11.5 | 34.7 | 4.6 | 61.7 | 1.9 | 1.2 | 2.3 |
| Mean | 192 | 11.3 | 33.4 | 3.9 | 60.3 | 1.5 | 0.8 | 0.8 |
| SD | 6 | 0.2 | 0.7 | 0.4 | 0.9 | 0.3 | 0.2 | 1.2 |
| CV (%) | 3.26 | 1.51 | 2.03 | 11.03 | 1.47 | 18.74 | 21.40 | 154.98 |

| | PLT | MPV | LYM% | MON% | NEU% | EOS% | BAS% | NRBC% |
|-----|-------|--------|------|------|------|------|------|-------|
| 1 ✓ | 184 | 11.2 | 32.8 | 4.2 | 61.0 | 1.4 | 0.6 | 2.3 |
| 2 ✓ | 192 * | 11.4 * | 33.1 | 4.0 | 60.9 | 1.1 | 0.9 | -- |
| 3 ✓ | 194 | 11.2 | 33.4 | 3.7 | 60.3 | 1.7 | 0.9 | 0.0 |
| 4 ✓ | 191 * | 11.4 * | 34.2 | 3.8 | 59.8 | 1.4 | 0.8 | -- |
| 5 ✓ | 183 | 11.1 | 33.0 | 4.5 | 60.4 | 1.4 | 0.7 | 0.0 |

Export
Stop repeatability
Start analysis
Stop repeatability
Edit
Cancel
Confirm

Reagents
QC
0 Tubes
READY
Yumizen H1500 1.4.0
20/03/22
15:54:58

Conducted By: Rajesh Sharma

Verified By:

- **Carryover Study:** Carry over is assessed by running high and low QC in 3 replicates and with low values in 3 replicates alternately (H1,L1,H2,L2,H3,L3) & getting CV% in within acceptable range.

Carry Over % = $(L1-L3) * 100 / (H3-L3)$.

| YH 1500 | | Sr No: 106M1XH00685 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---|-------------|---|------|-------|------------|---|---|-------------|---|----------------|------|------|------|------|-----------------------------|-----|---|---|-----|--------|--------|--------|--------|--------|
| 20/03/2022 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HB | H1 | 16.9 | | L1 | 6.7 | 0.08 | | | | | | | | | | | | | | | | | | | | |
| | H2 | 16.9 | | L2 | 6.6 | | | | | | | | | | | | | | | | | | | | | |
| | H3 | 16.8 | | L3 | 6.6 | | | | | | | | | | | | | | | | | | | | | |
| RBC | H1 | 5.22 | | L1 | 2.42 | 0.69 | | | | | | | | | | | | | | | | | | | | |
| | H2 | 5.22 | | L2 | 2.42 | | | | | | | | | | | | | | | | | | | | | |
| | H3 | 5.28 | | L3 | 2.40 | | | | | | | | | | | | | | | | | | | | | |
| PLATELETS | H1 | 496 | | L1 | 68 | 0.46 | | | | | | | | | | | | | | | | | | | | |
| | H2 | 501 | | L2 | 70 | | | | | | | | | | | | | | | | | | | | | |
| | H3 | 494 | | L3 | 66 | | | | | | | | | | | | | | | | | | | | | |
| WBC | H1 | 16.78 | | L1 | 2.28 | -0.08 | | | | | | | | | | | | | | | | | | | | |
| | H2 | 16.81 | | L2 | 2.28 | | | | | | | | | | | | | | | | | | | | | |
| | H3 | 16.93 | | L3 | 2.19 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; text-align: center;"> <thead> <tr> <th>Parameters</th> <th>WBC 10³/mm³</th> <th>RBC 10⁶/mm³</th> <th>HGB g/dL</th> <th>PLT 10³/mm³</th> </tr> </thead> <tbody> <tr> <td>Carry Over (%)</td> <td>0.08</td> <td>0.69</td> <td>0.46</td> <td>0.42</td> </tr> <tr> <td>Manufacturer acceptable CV%</td> <td>0.5</td> <td>1</td> <td>1</td> <td>0.5</td> </tr> <tr> <td>Status</td> <td>Passed</td> <td>Passed</td> <td>Passed</td> <td>Passed</td> </tr> </tbody> </table> | | | | | | | Parameters | WBC 10 ³ /mm ³ | RBC 10 ⁶ /mm ³ | HGB g/dL | PLT 10 ³ /mm ³ | Carry Over (%) | 0.08 | 0.69 | 0.46 | 0.42 | Manufacturer acceptable CV% | 0.5 | 1 | 1 | 0.5 | Status | Passed | Passed | Passed | Passed |
| Parameters | WBC 10 ³ /mm ³ | RBC 10 ⁶ /mm ³ | HGB g/dL | PLT 10 ³ /mm ³ | | | | | | | | | | | | | | | | | | | | | | |
| Carry Over (%) | 0.08 | 0.69 | 0.46 | 0.42 | | | | | | | | | | | | | | | | | | | | | | |
| Manufacturer acceptable CV% | 0.5 | 1 | 1 | 0.5 | | | | | | | | | | | | | | | | | | | | | | |
| Status | Passed | Passed | Passed | Passed | | | | | | | | | | | | | | | | | | | | | | |

Performed by:  Rajesh Sharma

Verified by:

QC Results

HORIBA
Medical



Date: 05/08/2022 09:47:47 Lot: PX436H State: Valid / Included
Device: YH1500 Comments:

| Test | Result | Failed Rules | Target | Tolerance | Lower Bound | Upper Bound |
|--------|--------|--------------|--------|-----------|-------------|-------------|
| WBC | 17.90 | In Range | null | null | 15.6 | 20.0 |
| RBC | 5.23 | In Range | null | null | 4.99 | 5.49 |
| HGB | 16.4 | In Range | null | null | 15.7 | 16.9 |
| HCT | 48.3 | In Range | null | null | 46.3 | 51.3 |
| MCV | 92.2 | In Range | null | null | 88.5 | 98.5 |
| MCH | 31.4 | In Range | null | null | 28.6 | 33.6 |
| MCHC | 34.0 | In Range | null | null | 30.3 | 36.3 |
| RDW-CV | 11.4 | In Range | null | null | 7.5 | 15.5 |
| RDW-SD | 41.7 | In Range | null | null | 37.5 | 45.5 |
| PLT | 542 | In Range | null | null | 462.0 | 562.0 |
| MPV | 12.1 | In Range | null | null | 9.6 | 13.6 |
| LYM% | 13.7 | In Range | null | null | 5.9 | 21.9 |
| MON% | 2.8 | In Range | null | null | 0.4 | 7.8 |
| NEU% | 73.9 | In Range | null | null | 62.3 | 82.3 |
| EOS% | 5.1 | In Range | null | null | 0.0 | 10.6 |
| BAS% | 4.5 | In Range | null | null | 1.9 | 6.9 |
| NRBC% | 6.3 | In Range | null | null | 4.8 | 7.8 |
| LYM# | 2.45 | In Range | null | null | 0.97 | 3.97 |
| MON# | 0.51 | In Range | null | null | 0.07 | 1.39 |
| NEU# | 13.23 | In Range | null | null | 10.97 | 14.77 |
| EOS# | 0.91 | In Range | null | null | 0.0 | 1.88 |
| BAS# | 0.80 | In Range | null | null | 0.39 | 1.17 |
| NRBC# | 1.12 | In Range | null | null | 0.87 | 1.37 |

John
5/8/22

QC Results

HORIBA
Medical



Date: 05/08/2022 09:48:17 Lot: PX436N State: Valid / Included
Device: YH1500 Comments:

| Test | Result | Failed Rules | Target | Tolerance | Lower Bound | Upper Bound |
|--------|--------|--------------|--------|-----------|-------------|-------------|
| WBC | 6.95 | In Range | null | null | 6.4 | 8.4 |
| RBC | 4.82 | In Range | null | null | 4.56 | 4.96 |
| HGB | 13.9 | In Range | null | null | 13.2 | 14.2 |
| HCT | 40.9 | In Range | null | null | 39.1 | 43.1 |
| MCV | 84.8 | In Range | null | null | 81.6 | 91.6 |
| MCH | 28.9 | In Range | null | null | 26.8 | 30.8 |
| MCHC | 34.0 | In Range | null | null | 30.2 | 36.2 |
| RDW-CV | 12.4 | In Range | null | null | 8.5 | 16.5 |
| RDW-SD | 41.7 | In Range | null | null | 37.0 | 45.0 |
| PLT | 274 | In Range | null | null | 227.0 | 287.0 |
| MPV | 13.8 | In Range | null | null | 10.7 | 14.7 |
| LYM% | 31.6 | In Range | null | null | 24.3 | 40.3 |
| MON% | 5.6 | In Range | null | null | 0.6 | 11.4 |
| NEU% | 54.3 | In Range | null | null | 43.3 | 63.3 |
| EOS% | 4.3 | In Range | null | null | 0.0 | 8.8 |
| BAS% | 4.2 | In Range | null | null | 1.0 | 7.0 |
| NRBC% | 21.0 | In Range | null | null | 15.0 | 25.0 |
| LYM# | 2.19 | In Range | null | null | 1.69 | 3.09 |
| MON# | 0.39 | In Range | null | null | 0.04 | 0.84 |
| NEU# | 3.78 | In Range | null | null | 3.04 | 4.84 |
| EOS# | 0.30 | In Range | null | null | 0.0 | 0.66 |
| BAS# | 0.29 | In Range | null | null | 0.1 | 0.5 |
| NRBC# | 1.46 | In Range | null | null | 1.18 | 1.78 |

Jallen
5/8/22

QC Results

HORIBA
Medical



Date: 05/08/2022 09:47:16

Lot: PX436L

State:

Valid / Included

Device: YH1500

Comments:

| Test | Result | Failed Rules | Target | Tolerance | Lower Bound | Upper Bound |
|--------|--------|--------------|--------|-----------|-------------|-------------|
| WBC | 2.56 | In Range | null | null | 2.0 | 2.8 |
| RBC | 2.48 | In Range | null | null | 2.28 | 2.6 |
| HGB | 6.5 | In Range | null | null | 5.9 | 6.7 |
| HCT | 19.1 | In Range | null | null | 17.7 | 20.7 |
| MCV | 76.9 | In Range | null | null | 73.6 | 83.6 |
| MCH | 26.3 | In Range | null | null | 23.8 | 27.8 |
| MCHC | 34.1 | In Range | null | null | 29.8 | 35.8 |
| RDW-CV | 14.6 | In Range | null | null | 10.5 | 18.5 |
| RDW-SD | 45.2 | In Range | null | null | 39.0 | 47.0 |
| PLT | 72 | In Range | null | null | 51.0 | 91.0 |
| MPV | 10.2 | In Range | null | null | 7.7 | 11.7 |
| LYM% | 32.0 | In Range | null | null | 16.3 | 40.3 |
| MON% | 7.3 | In Range | null | null | 0.0 | 19.2 |
| NEU% | 48.6 | In Range | null | null | 40.6 | 60.6 |
| EOS% | 8.1 | In Range | null | null | 0.0 | 14.8 |
| BAS% | 4.0 | In Range | null | null | 1.6 | 6.6 |
| NRBC% | 17.3 | In Range | null | null | 13.7 | 21.7 |
| LYM# | 0.82 | In Range | null | null | 0.35 | 1.01 |
| MON# | 0.19 | In Range | null | null | 0.0 | 0.46 |
| NEU# | 1.24 | In Range | null | null | 0.86 | 1.56 |
| EOS# | 0.21 | In Range | null | null | 0.0 | 0.36 |
| BAS# | 0.10 | In Range | null | null | 0.0 | 0.2 |
| NRBC# | 0.44 | In Range | null | null | 0.29 | 0.55 |

J. Miller
5/8/22