

Blank Cycle Logs

Running Date Comments	Operator	WBC 10 ⁹ /μL	RBC 10 ⁹ /μL	HGB g/dL	PLT 10 ⁹ /μL	Status	Technical alarms
04/29/2023 07:26:08 AM	ASHA	0.01	0.00	0.0	0	Passed	
04/29/2023 11:02:53 AM	ASHA	0.10	0.00	0.0	0	Passed	

Repeatability Report (part 1)

Number of repeatability run report selected for statistic calculation 6/7

Coefficient	WBC (10 ⁹ /µL)	RBC (10 ⁹ /µL)	HGB (g/dL)	HCT (%)	PLT (10 ⁹ /µL)	MCV (µm ³)	RDW-CV (%)	RDW-SD (µm ³)	P-LCR (%)	
Minimum	6.15	5.36	15.3	45.9	262	85.3	11.9	43.7	31.0	
Maximum	6.47	5.51	15.5	47.0	289	86.1	12.5	45.4	33.2	
Mean	6.25	5.43	15.4	46.5	272	85.6	12.2	44.2	31.9	
Difference	0.32	0.15	0.2	1.2	26	0.8	0.7	1.7	2.1	
2 SD	0.24	0.12	0.1	1.0	21	0.6	0.5	1.4	1.4	
CV(%)	1.92	1.10	0.41	1.09	3.87	0.36	2.01	1.55	2.26	
Run Date & Time	WBC (10 ⁹ /µL)	RBC (10 ⁹ /µL)	HGB (g/dL)	HCT (%)	PLT (10 ⁹ /µL)	MCV (µm ³)	RDW-CV (%)	RDW-SD (µm ³)	P-LCR (%)	Operator
04/29/2023 11:04:03 AM	6.25	5.44	15.2	46.7	266	85.9	12.2	44.5	30.6	ABX
✓ 04/29/2023 11:05:43 AM	6.15	5.38	15.4	46.0	265	85.4	11.9	43.7	31.8	ABX
✓ 04/29/2023 11:07:22 AM	6.23	5.51	15.3	47.0	267	85.3	12.0	43.7	31.0	ABX
✓ 04/29/2023 11:09:00 AM	6.19	5.41	15.3	46.6	262	86.1	12.5	45.4	32.2	ABX
✓ 04/29/2023 11:10:42 AM	6.47	5.49	15.5	47.0	289	85.6	12.0	43.7	31.9	ABX
✓ 04/29/2023 11:12:18 AM	6.28	5.42	15.5	46.2	281	85.3	12.3	44.5	31.5	ABX
✓ 04/29/2023 11:13:56 AM	6.16	5.36	15.4	45.9	268	85.6	12.3	44.5	33.2	ABX

Repeatability Report (part 2)

Number of repeatability run report selected for statistic calculation 6/7

Coefficient	NEU% (%)	LYM% (%)	MON% (%)	EOS% (%)	BAS% (%)	LIC% (%)
Minimum	54.6	32.5	5.6	4.3	1.1	0.2
Maximum	55.0	33.7	6.6	5.3	1.4	0.4
Mean	54.8	33.2	6.1	4.7	1.2	0.3
Difference	0.4	1.2	1.0	1.0	0.3	0.2
2 SD	0.4	0.8	0.9	0.7	0.3	0.2
CV(%)	0.35	1.26	7.08	8.02	11.08	29.81

Run Date & Time	NEU% (%)	LYM% (%)	MON% (%)	EOS% (%)	BAS% (%)	LIC% (%)	Operator
04/29/2023 11:04:03 AM	54.0	34.4	6.0	4.8	0.8	0.3	ABX
✓ 04/29/2023 11:05:43 AM	55.0	33.5	5.6	4.7	1.2	0.2	ABX
✓ 04/29/2023 11:07:22 AM	54.6	33.4	6.6	4.3	1.1	0.4	ABX
✓ 04/29/2023 11:09:00 AM	55.0	33.1	6.0	4.8	1.1	0.4	ABX
✓ 04/29/2023 11:10:42 AM	54.7	33.2	6.5	4.4	1.2	0.2	ABX
✓ 04/29/2023 11:12:18 AM	54.9	33.7	5.6	4.4	1.4	0.3	ABX
✓ 04/29/2023 11:13:56 AM	54.6	32.5	6.2	5.3	1.4	0.3	ABX

Calibration Report

Sample ID 1
Lot number CX482

Name ABX MINOCAL
Exp. date 06/05/2023
Modified on

Coefficient	WBC	RBC	HGB	HCT	PLT	MPV
New	1.144	0.971	0.982	1.022	1.056	1.056
Current	1.103	0.969	0.990	1.030	1.010	0.975
Target	9.00	4.42	12.8	37.1	255	10.4
Mean	8.68	4.41	12.9	37.3	244	9.6
CV(%)	1.93	0.65	0.39	0.62	2.70	1.77

Number of calibration run selected for coefficient calculation (minimum 5) 5/6

Sel.	Run Time	WBC (10 ⁹ /μL)	RBC (10 ⁶ /μL)	HGB (g/dL)	HCT (%)	PLT (10 ⁹ /μL)	MPV (μm ³)
	04/29/2023 11:22:45 AM	8.52	4.54	13.0	38.6	246	9.6
✓	04/29/2023 11:24:35 AM	8.85	4.40	13.0	37.2	243	9.7
✓	04/29/2023 11:26:15 AM	8.72	4.43	12.9	37.2	254	9.6
✓	04/29/2023 11:27:55 AM	8.74	4.37	12.9	37.1	243	9.8
✓	04/29/2023 11:29:36 AM	8.40	4.44	12.9	37.5	235	9.4
✓	04/29/2023 11:31:17 AM	8.68	4.42	12.9	37.6	243	9.4

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Lot number CX482

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Exp. date 06/05/2023
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	04/29/2023 11:22:45 AM	8.52	4.54	13.0	38.6	246	9.6
✓	04/29/2023 11:24:35 AM	8.85	4.40	13.0	37.2	243	9.7
✓	04/29/2023 11:26:15 AM	8.72	4.43	12.9	37.2	254	9.6
✓	04/29/2023 11:27:55 AM	8.74	4.37	12.9	37.1	243	9.8
✓	04/29/2023 11:29:36 AM	8.40	4.44	12.9	37.5	235	9.4
✓	04/29/2023 11:31:17 AM	8.68	4.42	12.9	37.6	243	9.4

HORIBA

Explore the future

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HIN/MED/2023-2024/00297

29th April 2023.

CALIBRATION CERTIFICATE

This is to certify that the Hematology Analyzer ABX Yumizen H550 bearing serial number:
202YAXH09674 installed at **P. H. Medical Centre, Kandivali - Mumbai Calibrated on 29th April 2023.**

Calibrator : ABX MINOCAL

Lot No. : CX482

Expiry Date : 05th June 2023.

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

Next calibration cycle is due on 28th April 2024.



Shrish Dixit
(Head- Products & Marketing)
For **Horiba India Pvt. Ltd.**

QC - Control Run Report

Run Date 04/29/2023 11:36:30 AM

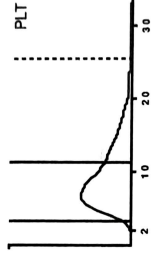
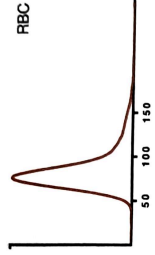
Operator ABX

Name NORMAL QC
Level Normal
Lot number PX441N

Sample ID PX441N
Exp. date 07/05/2023

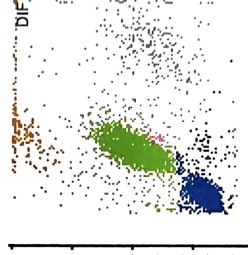
		Range
RBC	4.66	10 ⁹ /μL 4.39 - 4.79
HGB	13.1	g/dL 12.7 - 13.7
HCT	40.3	% 37.9 - 41.9
MCV	86.6	μm ³ 82.0 - 92.0
MCH	28.1	pg 26.8 - 30.8
MCHC	32.4	g/dL 30.1 - 36.1
RDW-CV	14.8	% 11.0 - 19.0

Alarms



		Range
PLT	244	10 ⁹ /μL 210 - 270
MPV	9.5	μm ³ 7.0 - 11.0

		Range
WBC	8.27	10 ⁹ /μL 7.20 - 9.20
	#	
NEU	4.08	Range % 2.97 - 4.77 49.4 37.2 - 57.2
LYM	3.36	Range % 2.74 - 4.14 40.6 34.0 - 50.0
MON	0.41	Range % 0.00 - 0.80 5.0 0.0 - 9.8
EOS	0.36	Range % 0.00 - 0.48 4.3 0.0 - 5.8
BAS	0.06	Range % 0.00 - 0.50 0.7 0.0 - 6.0



Slide Review

Neutrophil	Myeloblast	Anisocytosis
Lymphocyte	Promyelocyte	Hypochromia
Monocyte	Myelocyte	Polychromasia
Eosinophil	Metamyelocyte	Poikilocytosis
Basophil	Blast	Microcytosis
Atypical Lymphocyte	Target Cell	Macrocytosis
Other	Sickle Cell	Platelet Clumps

Reviewed on _____ by _____ Signature : _____

QC - Control Run Report

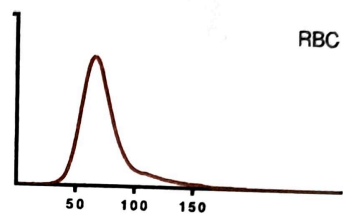
Run Date 04/29/2023 11:38:39 AM

Name LOW CONTROL
 Level Low
 Lot number PX441L

Operator ABX

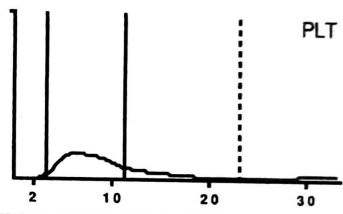
Sample ID PX441L
 Exp. date 07/05/2023

			Range
RBC	2.35	10 ⁶ /μL	2.16 - 2.48
HGB	5.6	g/dL	1.8 - 9.8
HCT	18.0	%	16.2 - 19.2
MCV	76.9	μm ³	71.5 - 81.5
MCH	23.9	pg	23.0 - 27.0
MCHC	31.1	g/dL	29.7 - 35.7
RDW-CV	16.4	%	12.0 - 20.0

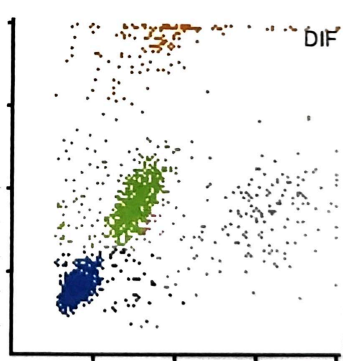


Alarms

			Range
PLT	73	10 ³ /μL	48 - 88
MPV	9.4	μm ³	7.1 - 11.1



			Range		Range
WBC	3.11	10 ³ /μL	2.50 - 3.30		
	#			%	
NEU	1.29		0.84 - 1.54	41.5	31.2 - 51.2
LYM	1.29		0.88 - 1.54	41.5	29.7 - 53.7
MON	0.22		0.00 - 0.42	7.1	0.0 - 14.4
EOS	0.28		0.00 - 0.36	8.9	0.0 - 12.2
BAS	0.03		0.00 - 0.22	1.0	0.0 - 7.6



Slide Review

Neutrophil
 Lymphocyte
 Monocyte
 Eosinophil
 Basophil
 Atypical Lymphocyte
 Other

Myeloblast
 Promyelocyte
 Myelocyte
 Metamyelocyte
 Blast
 Target Cell
 Sickle Cell

Anisocytosis
 Hypochromia
 Polychromasia
 Poikilocytosis
 Microcytosis
 Macrocytosis
 Platelet Clumps

Reviewed on _____ by _____ Signature :

QC - Control Run Report

Run Date 04/29/2023 11:41:09 AM

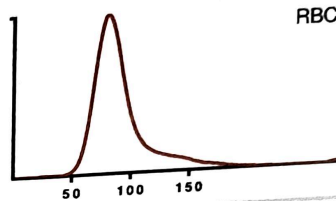
Operator ABX

Name HIGH CONTROL
 Level High
 Lot number PX441H

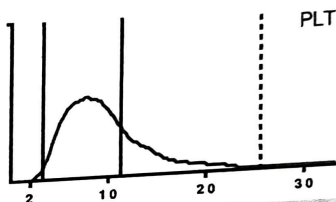
Sample ID PX441H
 Exp. date 07/05/2023

Alarms

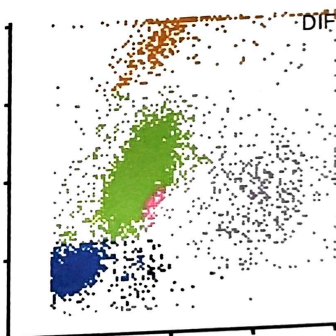
			Range
RBC	5.18	10 ⁶ /μL	4.86 - 5.36
HGB	15.5	g/dL	15.1 - 16.3
HCT	47.8	%	44.5 - 49.5
MCV	92.3	μm ³	87.0 - 97.0
MCH	29.9	pg	28.2 - 33.2
MCHC	32.4	g/dL	30.4 - 36.4
RDW-CV	14.0	%	10.0 - 18.0



			Range
PLT	499	10 ³ /μL	439 - 539
MPV	9.5	μm ³	7.3 - 11.3



			Range
WBC	18.21	10 ³ /μL	16.20 - 20.60
NEU	13.07	#	10.67 - 15.67
LYM	3.40	%	18.6 - 21.8
MON	0.73	%	4.0 - 5.0
EOS	0.80	%	4.4 - 5.8
BAS	0.21	%	1.2 - 1.8



Slide Review

Neutrophil	Myeloblast	Anisocytosis
Lymphocyte	Promyelocyte	Hypochromia
Monocyte	Myelocyte	Polychromasia
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