



Date: 08-06-2022
Effective Date: 08-06-2022

Certificate of Calibration

Customer Name: Redcliffe lifetech Pvt. Ltd Faridabad

Model : Automated Hematology Analyzer H560

Serial No. : 1104B21460

Calibration Done Date: 8.6.22

Next Calibration Due Date On or Before: 07-06-2023

Lab In-charge: . Dr.Kanchan Gulati

This is to certify that the above-mentioned product has been verified of calibration for CBC 5 parameters (WBC, RBC, HGB, MCV and PLT) according to the standard procedures provided by Erba Lachema s.r.o, Karasek.

Calibration at site performed by
Devender singh
Sr.Service engineer
Transasia Bio-Medicals Ltd
Delhi

Encl:

1. Certificate of Inspection
2. Assay Sheet of Hematology Calibrator (H Cal)
3. Printouts
4. Traceability Document





Date: 08-06-2022
Effective Date: 08-06-2022

Certificate of Inspection

1. Model: Automated Hematology Analyzer H560
2. Serial No.: 1104B214601
3. Calibration Date: 08-06-2022
4. Material used: H Cal (Lot No. PLUS0522, Expiry date: 10-June-2022)

By comparing your data to the results of the standard counters in Erba Lachema, the calibration for CBC 5 parameters using the measurement standard material (H Cal) was completed. The calibration result of 5 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	0.0	$0.3 \times 10^3/\text{UI}$ or Less
RBC	0.00	$0.02 \times 10^6/\text{uL}$ or Less
HGB	0.0	0.1 g/dL or Less
PLT	0	$10 \times 10^3/\text{uL}$ or Less



Technical Service Department
Transasia Bio-Medicals Ltd





6. PRECISION STUDY PERFORMED ON THE ANALYSER USING A BLOOD SAMPLE (ATTACHED)

SMP NO	WBC	RBC	HGB	MCV	PLT
1	4.76	4.27	12.2	93.3	210
2	4.7	4.24	12.2	93.4	210
3	4.93	4.26	12.1	92.9	211
4	4.51	4.31	12.2	92.9	201
5	4.84	4.29	12.2	92.9	197
6	4.74	4.28	12.1	93	200
7	4.84	4.26	12.1	93	203
8	5.06	4.28	12.2	93	203
9	4.79	4.24	12.2	93	203
10	5	4.29	12.3	92.8	203
Mean	4.82	4.27	12.18	93.02	204.10
SD	0.16	0.02	0.06	0.19	4.70
CV%	3.28	0.53	0.52	0.20	2.30
Acceptable CV%	Within 3.5%	Within 2.0%	Within 1.5%	Within 2.0%	Within 6.0%
Result	PASS	PASS	PASS	PASS	PASS


Technical Service Department
Transasia Bio Medicals Ltd



Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: background
Run Time: 2022/06/08 12:41
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	0.00		10 ³ /uL				
2 RBC	0.00		10 ⁶ /uL				
3 HGB	0.0		g/dL				
4 HCT	0.0		%				
5 PLT	0		10 ³ /uL				

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver:
Sampling Time: 2022/06/08 12:41 Delivery Time: 2022/06/08 12:41 Validated Time:
Report Time: 2022/06/08 11:35 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Calibrator

Lot No.: PLUS

Exp. Date: 2022/06/10

Cal. Mode: Whole Blood

Print Time: 2022/06/08 11:31:50

Para.	WBC	RBC	HGB	MCV	PLT
Target	9.18	4.50	13.6	90.7	263
√ 1	9.12	4.49	13.7	90.5	248
√ 2	8.98	4.47	13.6	90.8	261
√ 3	9.01	4.47	13.6	90.8	254
√ 4	9.21	4.47	13.7	90.8	249
√ 5	9.02	4.46	13.6	90.6	255
√ 6	9.21	4.49	13.6	90.5	257
√ 7	9.09	4.43	13.5	90.6	253
√ 8	9.14	4.45	13.6	90.7	245
√ 9	9.15	4.46	13.6	90.7	253
√ 10	9.09	4.48	13.7	90.6	256
Mean	9.102	4.467	13.62	90.66	253.1
CV(%)	0.9	0.4	0.5	0.1	1.9
New Cal. Coefficient (%)	100.86	100.74	99.85	100.04	103.91
Original Cal. Coefficient (%)	100.00	100.00	100.00	100.00	100.00

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-1
Run Time: 2022/06/08 10:19
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.76	3.50-9.50	10 ³ /uL	18 RBC	4.27	3.80-5.80	10 ⁶ /uL
2 Neu%	61.2	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	31.9	20.0-50.0	%	20 HCT	39.9	35.0-50.0	%
4 Mon%	4.4	3.0-10.0	%	21 MCV	93.3	82.0-100.0	fL
5 Eos%	1.6	0.4-8.0	%	22 MCH	28.5	27.0-34.0	pg
6 Bas%	0.9	0.0-1.0	%	23 MCHC	30.5	↓ 31.6-35.4	g/dL
7 Neu#	2.91	1.80-6.30	10 ³ /uL	24 RDW-CV	13.3	11.0-16.0	%
8 Lym#	1.52	1.10-3.20	10 ³ /uL	25 RDW-SD	51.7	35.0-56.0	fL
9 Mon#	0.21	0.10-0.60	10 ³ /uL	26 PLT	210	125-350	10 ³ /uL
10 Eos#	0.08	0.02-0.52	10 ³ /uL	27 MPV	10.4	6.5-12.0	fL
11 Bas#	0.04	0.00-0.06	10 ³ /uL	28 PDW-SD	13.2	9.0-17.0	fL
12 *ALY#	0.10	0.00-0.20	10 ³ /uL	29 PDW-CV	15.1	10.0-17.9	%
13 *ALY%	2.0	0.0-2.0	%	30 PCT	0.219	0.108-0.282	%
14 *LIC#	0.09	0.00-0.20	10 ³ /uL	31 P-LCR	40.7	11.0-45.0	%
15 *LIC%	1.9	0.0-2.5	%	32 P-LCC	85	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:19 Delivery Time: 2022/06/08 10:19 Validated Time: 2022/06/08 11:35
 Report Time: 2022/06/08 11:35 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-2
Run Time: 2022/06/08 10:21
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.70	3.50-9.50	10 ³ /uL	18 RBC	4.27	3.80-5.80	10 ⁶ /uL
2 Neu%	62.4	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	30.1	20.0-50.0	%	20 HCT	39.9	35.0-50.0	%
4 Mon%	5.3	3.0-10.0	%	21 MCV	93.4	82.0-100.0	fL
5 Eos%	1.7	0.4-8.0	%	22 MCH	28.4	27.0-34.0	pg
6 Bas%	0.5	0.0-1.0	%	23 MCHC	30.5	↓ 31.6-35.4	g/dL
7 Neu#	2.94	1.80-6.30	10 ³ /uL	24 RDW-CV	13.2	11.0-16.0	%
8 Lym#	1.41	1.10-3.20	10 ³ /uL	25 RDW-SD	51.4	35.0-56.0	fL
9 Mon#	0.25	0.10-0.60	10 ³ /uL	26 PLT	210	125-350	10 ³ /uL
10 Eos#	0.08	0.02-0.52	10 ³ /uL	27 MPV	10.5	6.5-12.0	fL
11 Bas#	0.02	0.00-0.06	10 ³ /uL	28 PDW-SD	14.6	9.0-17.0	fL
12 *ALY#	0.08	0.00-0.20	10 ³ /uL	29 PDW-CV	16.3	10.0-17.9	%
13 *ALY%	1.8	0.0-2.0	%	30 PCT	0.221	0.108-0.282	%
14 *LIC#	0.17	0.00-0.20	10 ³ /uL	31 P-LCR	41.7	11.0-45.0	%
15 *LIC%	3.6	↑ 0.0-2.5	%	32 P-LCC	88	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:21 Delivery Time: 2022/06/08 10:21 Validated Time: 2022/06/08 11:35
 Report Time: 2022/06/08 11:35 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-3
Run Time: 2022/06/08 10:26
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.93	3.50-9.50	10 ³ /uL	18 RBC	4.26	3.80-5.80	10 ⁶ /uL
2 Neu%	64.4	40.0-75.0	%	19 HGB	12.1	11.5-17.5	g/dL
3 Lym%	28.0	20.0-50.0	%	20 HCT	39.6	35.0-50.0	%
4 Mon%	4.9	3.0-10.0	%	21 MCV	92.9	82.0-100.0	fL
5 Eos%	1.5	0.4-8.0	%	22 MCH	28.5	27.0-34.0	pg
6 Bas%	1.2	0.0-1.0	%	23 MCHC	30.7	31.6-35.4	g/dL
7 Neu#	3.18	1.80-6.30	10 ³ /uL	24 RDW-CV	13.2	11.0-16.0	%
8 Lym#	1.38	1.10-3.20	10 ³ /uL	25 RDW-SD	51.2	35.0-56.0	fL
9 Mon#	0.24	0.10-0.60	10 ³ /uL	26 PLT	211	125-350	10 ³ /uL
10 Eos#	0.07	0.02-0.52	10 ³ /uL	27 MPV	10.6	6.5-12.0	fL
11 Bas#	0.06	0.00-0.06	10 ³ /uL	28 PDW-SD	14.2	9.0-17.0	fL
12 *ALY#	0.09	0.00-0.20	10 ³ /uL	29 PDW-CV	16.4	10.0-17.9	%
13 *ALY%	1.9	0.0-2.0	%	30 PCT	0.225	0.108-0.282	%
14 *LIC#	0.27	0.00-0.20	10 ³ /uL	31 P-LCR	42.0	11.0-45.0	%
15 *LIC%	5.5	0.0-2.5	%	32 P-LCC	89	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:26 Delivery Time: 2022/06/08 10:26 Validated Time: 2022/06/08 11:35
 Report Time: 2022/06/08 11:35 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-4
Run Time: 2022/06/08 10:28
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.51	3.50-9.50	10 ³ /uL	18 RBC	4.31	3.80-5.80	10 ⁶ /uL
2 Neu%	63.2	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	31.4	20.0-50.0	%	20 HCT	40.0	35.0-50.0	%
4 Mon%	3.5	3.0-10.0	%	21 MCV	92.9	82.0-100.0	fL
5 Eos%	1.4	0.4-8.0	%	22 MCH	28.3	27.0-34.0	pg
6 Bas%	0.5	0.0-1.0	%	23 MCHC	30.4	↓ 31.6-35.4	g/dL
7 Neu#	2.85	1.80-6.30	10 ³ /uL	24 RDW-CV	13.1	11.0-16.0	%
8 Lym#	1.42	1.10-3.20	10 ³ /uL	25 RDW-SD	50.8	35.0-56.0	fL
9 Mon#	0.16	0.10-0.60	10 ³ /uL	26 PLT	201	125-350	10 ³ /uL
10 Eos#	0.06	0.02-0.52	10 ³ /uL	27 MPV	10.6	6.5-12.0	fL
11 Bas#	0.02	0.00-0.06	10 ³ /uL	28 PDW-SD	14.2	9.0-17.0	fL
12 *ALY#	0.15	0.00-0.20	10 ³ /uL	29 PDW-CV	15.7	10.0-17.9	%
13 *ALY%	3.2	↑ 0.0-2.0	%	30 PCT	0.213	0.108-0.282	%
14 *LIC#	0.22	↑ 0.00-0.20	10 ³ /uL	31 P-LCR	42.1	11.0-45.0	%
15 *LIC%	4.9	↑ 0.0-2.5	%	32 P-LCC	85	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter:

Operator: service

Approver: admin

Sampling Time: 2022/06/08 10:28

Delivery Time: 2022/06/08 10:28

Validated Time: 2022/06/08 11:36

Report Time: 2022/06/08 11:36

Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-5
Run Time: 2022/06/08 10:29
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.84	3.50-9.50	10 ³ /uL	18 RBC	4.29	3.80-5.80	10 ⁶ /uL
2 Neu%	64.9	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	29.5	20.0-50.0	%	20 HCT	39.8	35.0-50.0	%
4 Mon%	3.1	3.0-10.0	%	21 MCV	92.9	82.0-100.0	fL
5 Eos%	1.6	0.4-8.0	%	22 MCH	28.5	27.0-34.0	pg
6 Bas%	0.9	0.0-1.0	%	23 MCHC	30.6	↓ 31.6-35.4	g/dL
7 Neu#	3.14	1.80-6.30	10 ³ /uL	24 RDW-CV	13.2	11.0-16.0	%
8 Lym#	1.43	1.10-3.20	10 ³ /uL	25 RDW-SD	51.1	35.0-56.0	fL
9 Mon#	0.15	0.10-0.60	10 ³ /uL	26 PLT	197	125-350	10 ³ /uL
10 Eos#	0.08	0.02-0.52	10 ³ /uL	27 MPV	10.5	6.5-12.0	fL
11 Bas#	0.04	0.00-0.06	10 ³ /uL	28 PDW-SD	14.2	9.0-17.0	fL
12 *ALY#	0.17	0.00-0.20	10 ³ /uL	29 PDW-CV	15.7	10.0-17.9	%
13 *ALY%	3.6	↑ 0.0-2.0	%	30 PCT	0.207	0.108-0.282	%
14 *LIC#	0.23	↑ 0.00-0.20	10 ³ /uL	31 P-LCR	41.7	11.0-45.0	%
15 *LIC%	4.7	↑ 0.0-2.5	%	32 P-LCC	82	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:29 Delivery Time: 2022/06/08 10:29 Validated Time: 2022/06/08 11:36
 Report Time: 2022/06/08 11:36 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-6
Run Time: 2022/06/08 10:30
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.74	3.50-9.50	10 ³ /uL	18 RBC	4.28	3.80-5.80	10 ⁶ /uL
2 Neu%	64.1	40.0-75.0	%	19 HGB	12.1	11.5-17.5	g/dL
3 Lym%	29.1	20.0-50.0	%	20 HCT	39.7	35.0-50.0	%
4 Mon%	4.2	3.0-10.0	%	21 MCV	93.0	82.0-100.0	fL
5 Eos%	1.7	0.4-8.0	%	22 MCH	28.4	27.0-34.0	pg
6 Bas%	0.9	0.0-1.0	%	23 MCHC	30.5	31.6-35.4	g/dL
7 Neu#	3.04	1.80-6.30	10 ³ /uL	24 RDW-CV	13.2	11.0-16.0	%
8 Lym#	1.38	1.10-3.20	10 ³ /uL	25 RDW-SD	51.1	35.0-56.0	fL
9 Mon#	0.20	0.10-0.60	10 ³ /uL	26 PLT	200	125-350	10 ³ /uL
10 Eos#	0.08	0.02-0.52	10 ³ /uL	27 MPV	10.4	6.5-12.0	fL
11 Bas#	0.04	0.00-0.06	10 ³ /uL	28 PDW-SD	13.8	9.0-17.0	fL
12 *ALY#	0.11	0.00-0.20	10 ³ /uL	29 PDW-CV	15.5	10.0-17.9	%
13 *ALY%	2.2	↑ 0.0-2.0	%	30 PCT	0.208	0.108-0.282	%
14 *LIC#	0.19	0.00-0.20	10 ³ /uL	31 P-LCR	41.0	11.0-45.0	%
15 *LIC%	3.9	↑ 0.0-2.5	%	32 P-LCC	82	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:30 Delivery Time: 2022/06/08 10:30 Validated Time: 2022/06/08 11:37
 Report Time: 2022/06/08 11:37 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-7
Run Time: 2022/06/08 10:32
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.84	3.50-9.50	10 ³ /uL	18 RBC	4.26	3.80-5.80	10 ⁶ /uL
2 Neu%	67.1	40.0-75.0	%	19 HGB	12.1	11.5-17.5	g/dL
3 Lym%	27.3	20.0-50.0	%	20 HCT	39.6	35.0-50.0	%
4 Mon%	3.5	3.0-10.0	%	21 MCV	93.0	82.0-100.0	fL
5 Eos%	1.4	0.4-8.0	%	22 MCH	28.3	27.0-34.0	pg
6 Bas%	0.7	0.0-1.0	%	23 MCHC	30.4	↓ 31.6-35.4	g/dL
7 Neu#	3.25	1.80-6.30	10 ³ /uL	24 RDW-CV	13.1	11.0-16.0	%
8 Lym#	1.32	1.10-3.20	10 ³ /uL	25 RDW-SD	50.9	35.0-56.0	fL
9 Mon#	0.17	0.10-0.60	10 ³ /uL	26 PLT	203	125-350	10 ³ /uL
10 Eos#	0.07	0.02-0.52	10 ³ /uL	27 MPV	10.6	6.5-12.0	fL
11 Bas#	0.03	0.00-0.06	10 ³ /uL	28 PDW-SD	15.0	9.0-17.0	fL
12 *ALY#	0.13	0.00-0.20	10 ³ /uL	29 PDW-CV	16.7	10.0-17.9	%
13 *ALY%	2.6	↑ 0.0-2.0	%	30 PCT	0.216	0.108-0.282	%
14 *LIC#	0.28	↑ 0.00-0.20	10 ³ /uL	31 P-LCR	42.2	11.0-45.0	%
15 *LIC%	5.8	↑ 0.0-2.5	%	32 P-LCC	86	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:32 Delivery Time: 2022/06/08 10:32 Validated Time: 2022/06/08 11:37
 Report Time: 2022/06/08 11:37 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-8
Run Time: 2022/06/08 10:33
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	5.06	3.50-9.50	10 ³ /uL	18 RBC	4.28	3.80-5.80	10 ⁶ /uL
2 Neu%	65.1	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	29.7	20.0-50.0	%	20 HCT	39.8	35.0-50.0	%
4 Mon%	3.1	3.0-10.0	%	21 MCV	93.0	82.0-100.0	fL
5 Eos%	1.1	0.4-8.0	%	22 MCH	28.5	27.0-34.0	pg
6 Bas%	1.0	0.0-1.0	%	23 MCHC	30.6	↓ 31.6-35.4	g/dL
7 Neu#	3.29	1.80-6.30	10 ³ /uL	24 RDW-CV	13.1	11.0-16.0	%
8 Lym#	1.50	1.10-3.20	10 ³ /uL	25 RDW-SD	51.0	35.0-56.0	fL
9 Mon#	0.16	0.10-0.60	10 ³ /uL	26 PLT	203	125-350	10 ³ /uL
10 Eos#	0.06	0.02-0.52	10 ³ /uL	27 MPV	10.7	6.5-12.0	fL
11 Bas#	0.05	0.00-0.06	10 ³ /uL	28 PDW-SD	14.6	9.0-17.0	fL
12 *ALY#	0.15	0.00-0.20	10 ³ /uL	29 PDW-CV	16.5	10.0-17.9	%
13 *ALY%	2.9	↑ 0.0-2.0	%	30 PCT	0.217	0.108-0.282	%
14 *LIC#	0.25	↑ 0.00-0.20	10 ³ /uL	31 P-LCR	42.5	11.0-45.0	%
15 *LIC%	5.0	↑ 0.0-2.5	%	32 P-LCC	86	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:33 Delivery Time: 2022/06/08 10:33 Validated Time: 2022/06/08 11:37
 Report Time: 2022/06/08 11:37 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-9
Run Time: 2022/06/08 10:34
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	4.79	3.50-9.50	10 ³ /uL	18 RBC	4.24	3.80-5.80	10 ⁶ /uL
2 Neu%	65.3	40.0-75.0	%	19 HGB	12.2	11.5-17.5	g/dL
3 Lym%	28.9	20.0-50.0	%	20 HCT	39.5	35.0-50.0	%
4 Mon%	3.7	3.0-10.0	%	21 MCV	93.0	82.0-100.0	fL
5 Eos%	1.2	0.4-8.0	%	22 MCH	28.7	27.0-34.0	pg
6 Bas%	0.9	0.0-1.0	%	23 MCHC	30.9	31.6-35.4	g/dL
7 Neu#	3.13	1.80-6.30	10 ³ /uL	24 RDW-CV	13.1	11.0-16.0	%
8 Lym#	1.38	1.10-3.20	10 ³ /uL	25 RDW-SD	50.8	35.0-56.0	fL
9 Mon#	0.18	0.10-0.60	10 ³ /uL	26 PLT	203	125-350	10 ³ /uL
10 Eos#	0.06	0.02-0.52	10 ³ /uL	27 MPV	11.1	6.5-12.0	fL
11 Bas#	0.04	0.00-0.06	10 ³ /uL	28 PDW-SD	14.6	9.0-17.0	fL
12 *ALY#	0.17	0.00-0.20	10 ³ /uL	29 PDW-CV	16.3	10.0-17.9	%
13 *ALY%	3.6	↑ 0.0-2.0	%	30 PCT	0.226	0.108-0.282	%
14 *LIC#	0.19	0.00-0.20	10 ³ /uL	31 P-LCR	44.2	11.0-45.0	%
15 *LIC%	4.0	↑ 0.0-2.5	%	32 P-LCC	90	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

*** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

Submitter:

Operator: service

Approver: admin

Sampling Time: 2022/06/08 10:34

Delivery Time: 2022/06/08 10:34

Validated Time: 2022/06/08 11:34

Report Time: 2022/06/08 11:37

Remarks:

***The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.**

Hematology Analysis Report

First Name:
Last Name:
Gender:
Diagnosis:

Sample Type:
Department:
Patient ID:

Sample ID: Sample-10
Run Time: 2022/06/08 10:36
Age:

Parameter	Result	Ref. Range	Unit	Parameter	Result	Ref. Range	Unit
1 WBC	5.01	3.50-9.50	10 ³ /uL	18 RBC	4.29	3.80-5.80	10 ⁶ /uL
2 Neu%	62.7	40.0-75.0	%	19 HGB	12.3	11.5-17.5	g/dL
3 Lym%	30.2	20.0-50.0	%	20 HCT	39.8	35.0-50.0	%
4 Mon%	4.6	3.0-10.0	%	21 MCV	92.8	82.0-100.0	fL
5 Eos%	1.6	0.4-8.0	%	22 MCH	28.7	27.0-34.0	pg
6 Bas%	0.9	0.0-1.0	%	23 MCHC	30.9	31.6-35.4	g/dL
7 Neu#	3.14	1.80-6.30	10 ³ /uL	24 RDW-CV	13.2	11.0-16.0	%
8 Lym#	1.51	1.10-3.20	10 ³ /uL	25 RDW-SD	51.1	35.0-56.0	fL
9 Mon#	0.23	0.10-0.60	10 ³ /uL	26 PLT	203	125-350	10 ³ /uL
10 Eos#	0.08	0.02-0.52	10 ³ /uL	27 MPV	10.3	6.5-12.0	fL
11 Bas#	0.05	0.00-0.06	10 ³ /uL	28 PDW-SD	14.3	9.0-17.0	fL
12 *ALY#	0.11	0.00-0.20	10 ³ /uL	29 PDW-CV	15.9	10.0-17.9	%
13 *ALY%	2.2	↑ 0.0-2.0	%	30 PCT	0.209	0.108-0.282	%
14 *LIC#	0.19	0.00-0.20	10 ³ /uL	31 P-LCR	40.4	11.0-45.0	%
15 *LIC%	3.7	↑ 0.0-2.5	%	32 P-LCC	82	30-90	10 ³ /uL
16 *NRBC#	0.000	0.000-9999.999	10 ³ /uL				
17 *NRBC%	0.00	0.00-9999.99	%				

**** means "Research use only, not for diagnostic use".

Sample Type:
Microscopic Description:

Exam. Time:

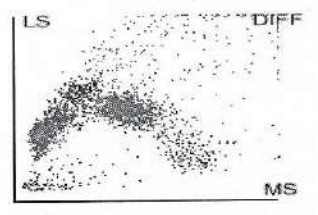
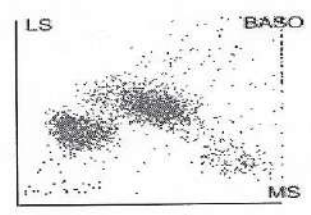
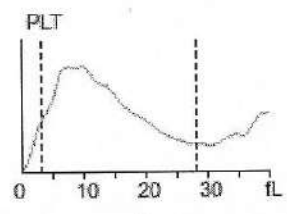
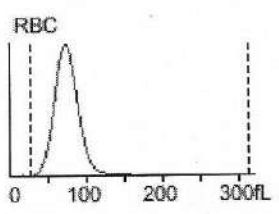
Submitter: Operator: service Approver: admin
 Sampling Time: 2022/06/08 10:36 Delivery Time: 2022/06/08 10:36 Validated Time: 2022/06/08 11:34
 Report Time: 2022/06/08 11:37 Remarks:

*The Report is responsible for this sample only. If you have any questions, please contact us in 24 hours.

L-J QC Analysis

File No.: 7 Lot No.: EH2209 Level: Low
 Operator: admin Exp. Date: 2022/11/10 Run Time: 2022/09/20 09:41
 Print Time: 2022/09/20 09:55 QC Mode: Whole Blood-CBC+DIFF QC Sample ID:

Parameter	Result	Ref. Range	Unit
1 WBC	3.48	3.10-4.10	10 ³ /uL
2 Neu%	50.5	42.1-60.1	%
3 Lym%	40.2	29.8-47.8	%
4 Mon%	5.0	1.1-9.1	%
5 Eos%	4.3	0.0-10.0	%
6 Bas%	3.3	0.0-9.2	%
7 Neu#	1.76	1.44-2.24	10 ³ /uL
8 Lym#	1.40	1.00-1.80	10 ³ /uL
9 Mon#	0.17	0.04-0.32	10 ³ /uL
10 Eos#	0.15	0.03-0.33	10 ³ /uL
11 Bas#	0.12	0.00-0.34	10 ³ /uL
12 RBC	2.25	2.20-2.56	10 ⁶ /uL
13 HGB	5.7	5.5-6.3	g/dL
14 HCT	17.2	16.3-20.3	%
15 MCV	76.6	72.0-82.0	fL
16 MCH	25.5	22.2-27.2	pg
17 MCHC	33.3	29.8-35.8	g/dL
18 RDW-CV	15.9	13.6-19.6	%
19 RDW-SD	51.0	43.2-63.2	fL
20 PLT	66	42-82	10 ³ /uL
21 MPV	9.6	6.5-12.5	fL
22 PDW-SD	15.0	11.9-17.9	fL
23 PDW-CV	17.2	14.1-20.1	%
24 PCT	0.063	0.010-0.110	%
25 P-LCR	35.7	27.4-43.4	%
26 P-LCC	23	7-37	10 ³ /uL

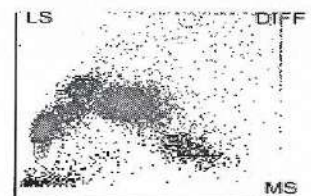
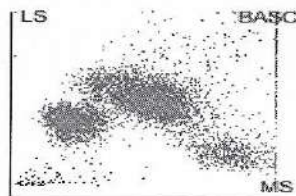
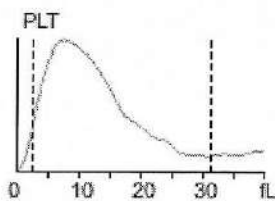
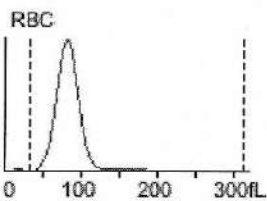


[Signature]
20/9/22

L-J QC Analysis

File No.:	8	Lot No.:	EH2209	Level:	Normal
Operator:	admin	Exp. Date:	2022/11/10	Run Time:	2022/09/20 09:45
Print Time:	2022/09/20 09:55	QC Mode:	Whole Blood-CBC+DIFF	QC Sample ID:	

Parameter	Result	Ref. Range	Unit
1 WBC	8.02	7.27-9.27	10 ³ /uL
2 Neu%	55.4	50.4-66.4	%
3 Lym%	31.0	20.4-36.4	%
4 Mon%	5.2	0.4-10.4	%
5 Eos%	8.4	1.8-13.8	%
6 Bas%	3.1	0.0-7.2	%
7 Neu#	4.44	4.13-5.53	10 ³ /uL
8 Lym#	2.49	1.65-3.05	10 ³ /uL
9 Mon#	0.42	0.00-0.90	10 ³ /uL
10 Eos#	0.67	0.15-1.15	10 ³ /uL
11 Bas#	0.25	0.00-0.60	10 ³ /uL
12 RBC	4.41	4.39-4.87	10 ⁶ /uL
13 HGB	12.7	12.6-13.8	g/dL
14 HCT	37.5	36.7-42.7	%
15 MCV	85.1	80.7-90.7	fL
16 MCH	28.9	25.8-30.8	pg
17 MCHC	33.9	30.7-36.7	g/dL
18 RDW-CV	13.8	12.5-18.5	%
19 RDW-SD	48.6	44.6-64.6	fL
20 PLT	248	218-298	10 ³ /uL
21 MPV	9.1	6.4-12.4	fL
22 PDW-SD	12.7	10.2-16.2	fL
23 PDW-CV	17.0	14.0-20.0	%
24 PCT	0.225	0.141-0.341	%
25 P-LCR	31.0	25.2-41.2	%
26 P-LCC	77	61-111	10 ³ /uL



[Signature]
20/9/22

