



UNMATCHED SERVICE

SINCE 1979...

Date:

13-11-2022

Effective Date:

13-11-2022

Certificate of Calibration

Customer Name: REDCLIFFE LUCKNOW

Model : Automated Hematology Analyzer Elite 580

Serial No. : K11052123038

Calibration Done Date: 13.11.22

Next Calibration Due Date On or Before: 12-11-2023

Lab In-charge: . DR.UPMA

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
YATENDRA SINGH
AREA SERVICE MANAGER
Transasia Bio-Medicals Ltd
LUCKNOW

Encl:

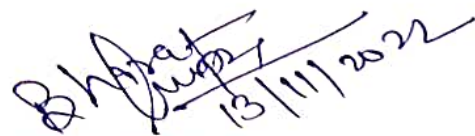
1. Certificate of Inspection
2. Assay Sheet of Hematology Calibrator (H Cal)
3. Printouts
4. Traceability Document

Date: 13-11-2022
Effective Date: 13-11-2022

Certificate of Inspection

1. Model: Automated Hematology Analyzer Elite 580
2. Serial No.: K11052123038
3. Calibration Date: 13-11-2022
4. Material used: H Cal (Lot No. PLUS1122, Expiry date: 10-Dec-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.

Handwritten signature and date: 13/11/2022

Technical Service Department
Transasia Bio-Medicals Ltd

Date: 13-11-2022
Effective Date: 13-11-2022

Certificate of Inspection

1. Model: Automated Hematology Analyzer Elite 580
2. Serial No.: K11052123038
3. Calibration Date: 13-11-2022
4. Material used: H Cal (Lot No. PLUS1122, Expiry date: 10-Dec-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.

Bhupendra
13/11/2022

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

B. H. [Signature]
13/11/2022

Technical Service Department
Transasia Bio-Medicals Ltd

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

SMP NO	WBC	RBC	HGB	MCV	PLT
1	5.52	3.51	10.6	88.7	344
2	5.59	3.57	10.6	88.7	355
3	5.55	3.59	10.6	88.7	346
4	5.58	3.57	10.7	88.5	341
5	5.67	3.59	10.6	88.9	344
6	5.73	3.67	10.7	88.4	328
7	5.89	3.6	10.7	88.9	338
8	5.66	3.54	10.6	88.5	325
9	5.65	3.56	10.6	88.3	350
10	5.73	3.58	10.6	88.5	346
Mean	5.66	3.58	10.63	88.61	341.70
SD	0.11	0.04	0.05	0.20	9.27
CV%	1.92	1.17	0.45	0.23	2.71
Acceptable CV%	Within 3.5%	Within 2.0%	Within 1.5%	Within 2.0%	Within 6.0%
Result	PASS	PASS	PASS	PASS	PASS

R. Anant
19/11/2022

Technical Service Department
 Transasia Bio Medicals Ltd

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

SMP NO	WBC	RBC	HGB	MCV	PLT
1	5.52	3.51	10.6	88.7	344
2	5.59	3.57	10.6	88.7	355
3	5.55	3.59	10.6	88.7	346
4	5.58	3.57	10.7	88.5	341
5	5.67	3.59	10.6	88.9	344
6	5.73	3.67	10.7	88.4	328
7	5.89	3.6	10.7	88.9	338
8	5.66	3.54	10.6	88.5	325
9	5.65	3.56	10.6	88.3	350
10	5.73	3.58	10.6	88.5	346
Mean	5.66	3.58	10.63	88.61	341.70
SD	0.11	0.04	0.05	0.20	9.27
CV%	1.92	1.17	0.45	0.23	2.71
Acceptable CV%	Within 3.5%	Within 2.0%	Within 1.5%	Within 2.0%	Within 6.0%
Result	PASS	PASS	PASS	PASS	PASS

R. Anant
19/11/2022

Technical Service Department
 Transasia Bio Medicals Ltd

Rcw data

Hematology Analysis Report

Sample Type:
Department:
Patient ID:

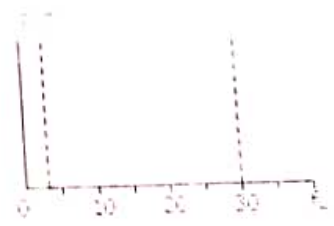
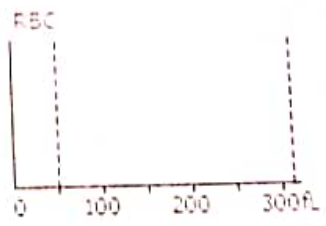
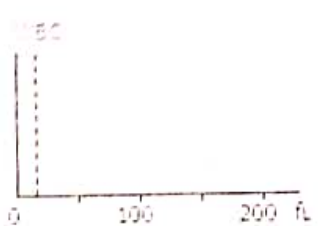
Sample ID: background
Run Time: 2022/11/13 11:13
Diagnosis:

Parameter	Result	Ref Range	Unit
WBC	0.01 L		$10^3/\mu\text{L}$
RBC	0.00 L		$10^6/\mu\text{L}$
HGB	0.0		g/dl
HCT	0.0		%
MCV	...		fL
MCH	...		pg
MCHC	...		g/dL
RDW-CV	...		%
RDW-SD	...		fL
10PLT	0 L		$10^3/\mu\text{L}$
11MPV	...		fL
12PDW-SD	...		fL
13PDW-CV	...		%
14PCL	...		%
15P-LCR	...		%
16P-LCC	...		$10^9/\text{L}$

WBC Message
Background/Aspiration Abn

RBC Message

PLT Message



Submitter:

Operator: admin

Approver:

Sampling Time: 2022/11/13 11:13

Delivery Time: 2022/11/13 11:13

Validated Time:

Report Time: 2022/11/13 17:50

Remarks:

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

Hematology Analysis Report

Sample ID: PRECISION 1
 Run Time: 2022/11/13 16:58
 Diagnosis:

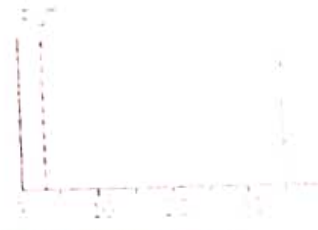
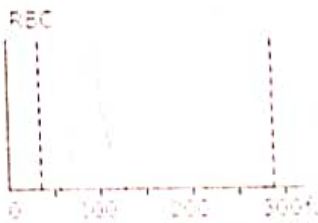
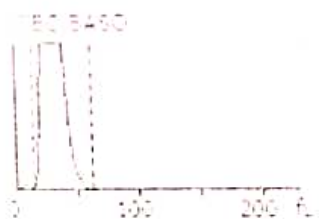
Sample Type:
 Department:
 Patient ID:

Parameter	Result	Ref. Range	Unit
1 WBC	5.52	4.00-10.00	10 ³ /uL
2 Neu%	58.0	50.0-70.0	%
3 Lym%	34.2	20.0-40.0	%
4 Mon%	7.2	3.0-12.0	%
5 Eos%	0.3	0.5-5.0	%
6 Bas%	0.3	0.0-1.0	%
7 Neu#	3.21	2.00-7.00	10 ³ /uL
8 Lym#	1.88	0.80-4.00	10 ³ /uL
9 Mon#	0.39	0.12-1.20	10 ³ /uL
10 Eos#	0.02	0.02-0.50	10 ³ /uL
11 Bas#	0.02	0.00-0.10	10 ³ /uL
12 MLY#	0.02	0.00-0.20	10 ³ /uL
13 XLY%	0.4	0.0-1.0	%
14 TICF	0.00	0.00-0.20	10 ³ /uL
15 TIC%	0.0	0.0-2.5	%
16 RBC	3.51	3.50-5.50	10 ⁶ /uL
17 HGB	10.6	11.0-16.0	g/dL
18 HCT	31.2	37.0-54.0	%
19 MCV	88.7	80.0-100.0	fL
20 MCH	30.2	27.0-34.0	pg
21 MCHC	34.0	32.0-36.0	g/dL
22 RDW-CV	14.4	11.0-16.0	%
23 RDW-SD	45.9	35.0-56.0	fL
24 PLT	344	100-300	10 ³ /uL
25 MPV	12.4	6.5-12.0	fL
26 PDW-SD	15.7	9.0-17.0	fL
27 PDW-CV	14.8	10.0-17.9	%
28 PCT	0.428	0.108-0.282	%
29 P-LCR	44.2	11.0-45.0	%
30 P-LCC	152	30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



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

Submitter: Operator: admin Approver: admin
 Sampling Time: 2022/11/13 16:58 Delivery Time: 2022/11/13 16:58 Validated Time: 2022/11/13 17:10
 Report Time: 2022/11/13 17:36 Remarks:

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

Hematology Analysis Report

Sample Type:

Sample ID: PHC SIGN 2

Department:

Ref. Time: 2022/11/13 17:00

Patient ID:

Diagnosis:

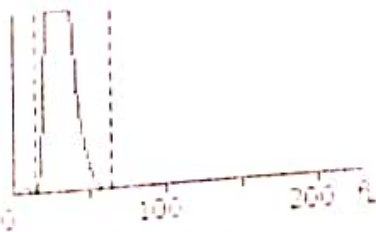
Parameter	Result	Ref. Range	Unit
WBC	5.59	4.00-10.00	10 ³ /uL
2 Neut%	59.9	50.0-70.0	%
3 Lymph%	32.6	20.0-40.0	%
4 Mon%	6.9	3.0-12.0	%
5 Eos%	0.4	0.0-5.0	%
6 Bas%	0.2	0.0-1.0	%
7 Neut#	3.35	2.00-7.00	10 ³ /uL
8 Lym#	1.83	0.80-4.00	10 ³ /uL
9 Mono#	0.38	0.12-1.00	10 ³ /uL
10 Eos#	0.02	0.00-0.50	10 ³ /uL
11 Bas#	0.01	0.00-0.10	10 ³ /uL
12 ALY#	0.02	0.00-0.20	10 ³ /uL
13 ALY%	0.3	0.0-2.0	%
14 LIC#	0.00	0.00-0.20	10 ³ /uL
15 LIC%	0.0	0.0-2.5	%
16 RBC	3.57	3.50-5.50	10 ⁶ /uL
17 HGB	10.6	11.0-16.0	g/dL
18 HCT	31.6	37.0-54.0	%
19 MCV	88.7	80.0-100.0	fL
20 MCH	29.6	27.0-34.0	pg
21 MCHC	33.4	32.0-36.0	g/dL
22 RDW-CV	14.3	11.0-16.0	%
23 RDW-SD	45.7	35.0-56.0	fL
24 PLT	355	100-300	10 ³ /uL
25 MPV	12.2	6.5-12.0	fL
26 PDW-SD	15.4	9.0-17.0	fL
27 PDW-CV	15.0	10.0-17.9	%
28 PCT	0.433	0.108-0.282	%
29 P-LCR	42.3	11.0-45.0	%
30 P-LCC	150	30-90	10 ⁹ /L

WBC Message

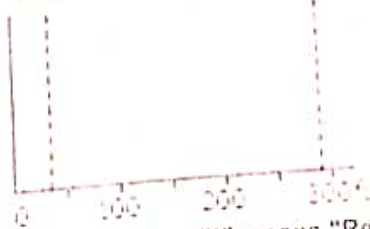
RBC Message

PLT Message

WBC BASO



RBC



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

Operator:

admin

Approver:

admin

Updated Time: 2022/11/13 17:00

Hematology Analysis Report

Sample Type:

Sample ID: PRECISION 3

Department:

Run Time: 2022/11/13 17:01

Patient ID:

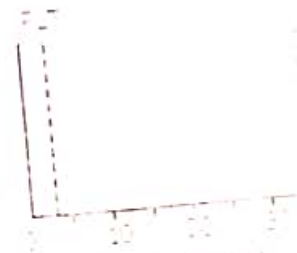
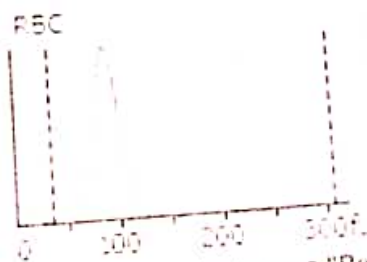
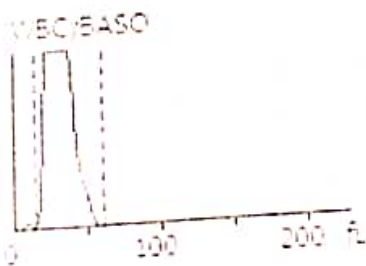
Diagnosis:

Parameter	Result	Ref. Range	Unit
WBC	5.55	4.00-10.00	10 ³ /uL
2 Leu%	60.2	50.0-70.0	%
3 Lym%	31.8	20.0-40.0	%
4 Mon%	7.2	3.0-12.0	%
5 Eos%	0.5	0.5-5.0	%
6 Bas%	0.3	0.0-1.0	%
7 Neu#	3.35	2.00-7.00	10 ³ /uL
8 Lym#	1.76	0.80-4.00	10 ³ /uL
9 Iron#	0.39	0.12-1.20	10 ³ /uL
10 Eos#	0.03	0.02-0.50	10 ³ /uL
11 Bas#	0.02	0.00-0.10	10 ³ /uL
12*ALY#	0.02	0.00-0.20	10 ³ /uL
13*ALY%	0.3	0.0-2.0	%
14*LIC#	0.60	0.00-0.20	10 ³ /uL
15*LIC%	0.0	0.0-0.5	%
16 RBC	3.59	3.50-5.50	10 ⁶ /uL
17 HGB	10.6	L 11.0-16.0	g/dL
18 HCT	31.8	L 37.0-54.0	%
19 MCV	88.7	80.0-100.0	fL
20 MCH	29.5	27.0-34.0	pg
21 MCHC	33.2	32.0-36.0	g/dL
22 RDW-CV	14.0	11.0-16.0	%
23 RDW-SD	44.8	35.0-56.0	fL
24 PLT	346	H 100-300	10 ³ /uL
25 MPV	12.5	H 6.5-12.0	fL
26 PDW-SD	16.2	9.0-17.0	fL
27 PDW-CV	15.5	10.0-17.9	%
28 PCT	0.431	H 0.103-0.282	%
29 P-LCR	43.6	11.0-15.0	%
30 P-LCC	151	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



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

Submitter:

2022/11/13 17:01

Operator:

admin

Delivery Time: 2022/11/13 17:01

Approver:

admin

Validated Time: 2022/11/13 17:01

Hematology Analysis Report

Sample Type:

Sample ID: PRECISION 4

Department:

Run Time: 2022/11/13 17:03

Patient ID:

Diagnosis:

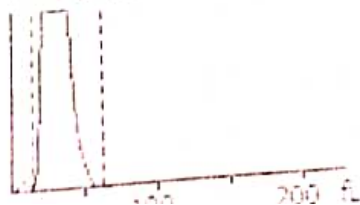
Parameter	Result	Ref. Range	Unit
WBC	5.58	4.00-10.00	10 ³ /uL
2 Neu%	60.0	50.0-70.0	%
3 Lym%	32.4	20.0-40.0	%
4 Mon%	6.8	3.0-12.0	%
5 Eos%	0.5	0.5-5.0	%
6 Bas%	0.3	0.0-1.0	%
7 Neu#	3.35	2.00-7.00	10 ³ /uL
8 Lym#	1.81	0.80-4.00	10 ³ /uL
9 Mon#	0.37	0.12-1.20	10 ³ /uL
10 Eos#	0.03	0.02-0.50	10 ³ /uL
11 Bas#	0.02	0.00-0.10	10 ³ /uL
12*ALY#	0.02	0.00-0.20	10 ³ /uL
13*ALY%	0.3	0.0-2.0	%
14*LIC#	0.00	0.00-0.20	10 ³ /uL
15*LIC%	0.0	0.0-2.5	%
16RBC	3.57	3.50-5.50	10 ⁶ /uL
17HGB	10.7	L 11.0-16.0	g/dL
18HCT	31.6	L 37.0-54.0	%
19MCV	88.5	80.0-100.0	fL
20MCH	29.9	27.0-34.0	pg
21MCHC	33.8	32.0-36.0	g/dL
22RDW-CV	14.4	11.0-16.0	%
23RDW-SD	45.8	35.0-50.0	fL
24PLT	341	H 100-300	10 ³ /uL
25MPV	12.5	H 6.5-12.0	fL
26PDW-SD	16.1	9.0-17.0	fL
27PDW-CV	15.2	10.0-17.9	%
28PCT	0.428	H 0.108-0.282	%
29P-LCR	45.4	H 11.0-45.0	%
30P-LCC	155	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message

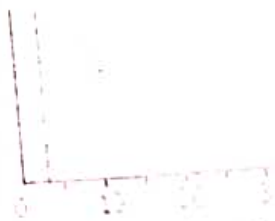
WBC BASO



RBC



PLT



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

Hematology Analysis Report

Sample Type
Department
Patient ID

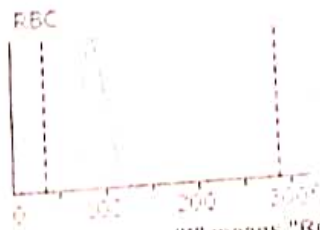
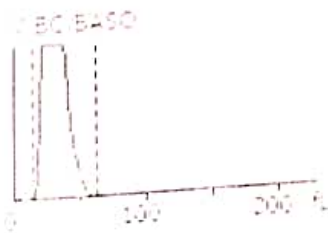
Sample ID: PPEC/S17015
Exam Time: 2022/11/13 17:05
Diagnosis:

Parameter	Result	Ref. Range	Unit
1 WBC	5.67	4.00-10.00	10 ⁹ /ul
2 Neu#	59.2	50.0-70.0	%
3 Lym#	32.2	20.0-40.0	%
4 Mon#	7.0	3.0-12.0	%
5 Eos%	0.0	0.0-5.0	%
6 Bas%	0.4	0.0-1.0	%
7 Neu#	3.36	2.00-7.00	10 ⁹ /ul
8 Lym#	1.83	0.80-4.00	10 ⁹ /ul
9 Mon#	0.43	0.12-1.20	10 ⁹ /ul
10 Eos#	0.03	0.02-0.50	10 ⁹ /ul
11 Bas#	0.02	0.00-0.10	10 ⁹ /ul
12 ALY#	0.00	0.00-0.20	10 ⁹ /ul
13 ALY%	0.1	0.0-2.0	%
14 PLT	0.00	0.00-0.20	10 ⁹ /ul
15 TIC%	0.1	0.0-2.5	%
16 RBC	3.59	3.50-5.50	10 ⁶ /uL
17 Hb	10.6	L 11.0-16.0	g/dL
18 Hct	31.9	L 37.0-51.0	%
19 MCV	88.9	80.0-100.0	fL
20 MCH	29.7	27.0-34.0	pg
21 MCHC	33.4	32.0-36.0	g/dL
22 RDW-CV	14.3	11.0-16.0	%
23 RDW-SD	45.8	35.0-56.0	fL
24 PLT	344	H 100-300	10 ³ /uL
25 MPV	12.1	H 6.5-12.0	fL
26 PDW-SD	15.2	9.0-17.0	fL
27 PDW-CV	15.1	10.0-17.9	%
28 PCT	0.416	H 0.108-0.282	%
29 PLGR	41.8	11.0-45.0	%
30 PLCC	144	H 30-90	10 ⁹ /L

RBC Message

RBC Message

PLT Message



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

Submitter:
Sampling Time: 2022/11/13 17:05
Report Time: 2022/11/13 17:36

Operator: admin
Delivery Time: 2022/11/13 17:05
Remarks:
Approved: admin
Audit Time: 2022/11/13 17:05

If you have any questions, please contact us in 24 hours

Hematology Analysis Report

Sample Type
Department
Patient ID

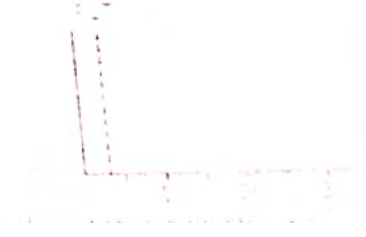
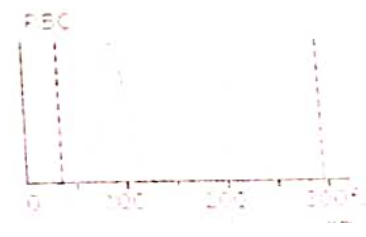
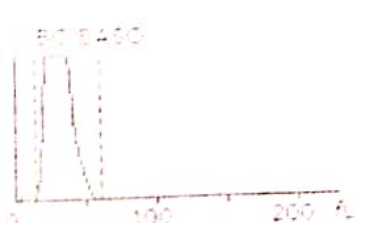
Sample ID: PREDICTION 6
Run Time: 25/22/11 15:47:00
Diagnosis

Parameter	Result	Ref. Range	Unit
1 WBC	5.73	4.00-10.00	10 ⁹ /uL
2 Neut%	61.3	50.0-70.0	%
3 Lymph%	30.9	20.0-40.0	%
4 Mon%	6.7	3.0-12.0	%
5 Eos%	0.7	0.5-5.0	%
6 Bas%	0.4	0.0-1.0	%
7 Neut#	3.52	2.00-7.00	10 ⁹ /uL
8 Lymph#	1.77	0.80-4.00	10 ⁹ /uL
9 Mon#	0.38	0.12-1.20	10 ⁹ /uL
10 Eos#	0.04	0.02-0.50	10 ⁹ /uL
11 Bas#	0.02	0.00-0.10	10 ⁹ /uL
12 ALY#	0.01	0.00-0.20	10 ⁹ /uL
13 ALY%	0.2	0.0-2.0	%
14 LIC#	0.00	0.00-0.20	10 ⁹ /uL
15 LIC%	0.0	0.0-2.5	%
16 RBC	3.67	3.50-5.50	10 ⁶ /uL
17 HGB	10.7	L 11.0-16.0	g/dL
18 HCT	32.4	L 37.0-54.0	%
19 MCV	88.4	80.0-100.0	fL
20 MCH	29.1	27.0-34.0	pg
21 MCHC	32.9	32.0-36.0	g/dL
22 RDW-CV	14.1	11.0-16.0	%
23 RDW-SD	44.9	35.0-56.0	fL
24 PLT	328	H 100-300	10 ⁹ /uL
25 MPV	12.4	H 6.5-12.0	fL
26 PDW-SD	15.4	9.0-17.0	fL
27 PDW-CV	14.8	10.0-17.9	%
28 PCT	0.407	H 0.100-0.280	%
29 PCR	44.2	11.0-45.0	%
30 PLCC	145	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



Hematology Analysis Report

Sample Type:

Sample ID:PRECISION 7

Department:

Run Time: 2022/11/13 17:07

Patient ID:

Diagnosis:

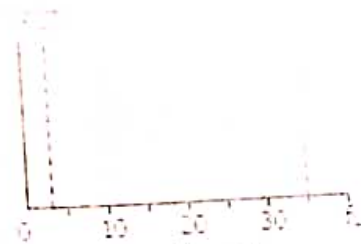
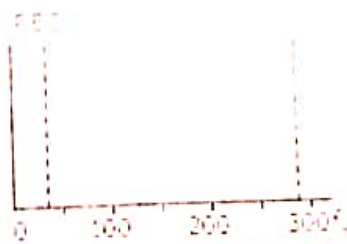
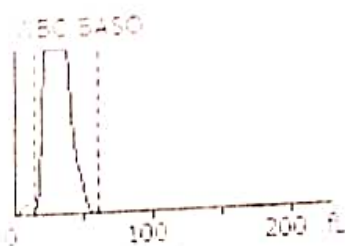
Name:
Name:
Number:

Parameter	Result	Ref. Range	Unit
1 WBC	5.89	4.00-10.00	10 ³ /uL
2 Neu%	60.3	50.0-70.0	%
3 Lym%	31.5	20.0-40.0	%
4 Mon%	7.2	3.0-12.0	%
5 Eos%	0.6	0.5-5.0	%
6 Bas%	0.4	0.0-1.0	%
7 Neu#	3.56	2.00-7.00	10 ³ /uL
8 Lym#	1.85	0.80-4.00	10 ³ /uL
9 Mon#	0.42	0.12-1.20	10 ³ /uL
10 Eos#	0.04	0.02-0.50	10 ³ /uL
11 Bas#	0.02	0.00-0.10	10 ³ /uL
12 ALY#	0.02	0.00-0.20	10 ³ /uL
13 ALY%	0.3	0.0-2.0	%
14 LIC#	0.00	0.00-0.20	10 ³ /uL
15 LIC%	0.0	0.0-2.5	%
16 RBC	3.60	3.50-5.50	10 ⁶ /uL
17 HGB	10.7	L 11.0-16.0	g/dL
18 HCT	32.0	L 37.0-54.0	%
19 MCV	88.9	80.0-100.0	fL
20 MCH	29.0	27.0-34.0	pg
21 MCHC	33.3	32.0-36.0	g/dL
22 RDW-CV	14.1	11.0-16.0	%
23 RDW-SD	44.9	35.0-56.0	fL
24 PLT	336	H 100-300	10 ³ /uL
25 MPV	12.3	H 6.5-12.0	fL
26 PDW-SD	16.3	9.0-17.0	fL
27 PDW-CV	15.5	10.0-17.9	%
28 PCT	0.416	H 0.105-0.282	%
29 P-LCR	43.7	11.0-45.0	%
30 P-LCC	148	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



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

Submitter:
Sampling Time: 2022/11/13 17:07
Report Time: 2022/11/13 17:36

Operator: admin
Delivery Time: 2022/11/13 17:07
Remarks:

Approver: admin
Validated Time: 2022/11/13 17:07

For more information, please contact us in 24 hours

Hematology Analysis Report

Sample Type

Department

Patient ID

Sample ID: P11E0310N 8

Run Time: 2022/11/13 17:08

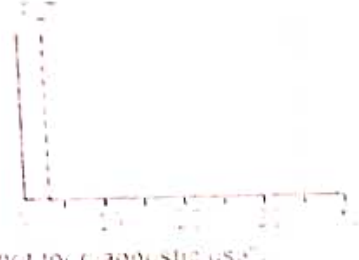
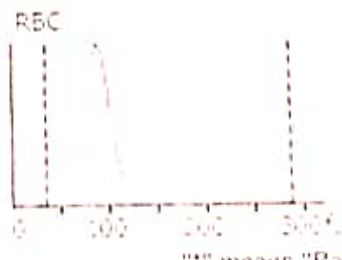
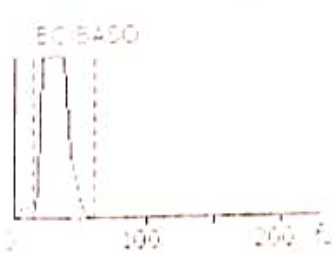
Comments

Parameter	Result	Ref Range	Unit
1 WBC	5.00	4.00-10.00	10 ⁹ /uL
2 Neut%	59.8	50.0-70.0	%
3 Lymph%	37.0	20.0-40.0	%
4 Plate%	0.8	14.0-24.0	%
5 Plate#	1.0	0.0-1.0	%
6 RBC	3.39	2.00-7.00	10 ¹² /uL
7 Hem#	1.80	0.80-4.00	10 ¹² /uL
8 Hemat	0.39	0.12-1.20	10 ¹² /uL
9 Hct	0.05	0.02-0.50	10 ¹² /uL
10 Hgb	0.03	0.00-0.10	10 ¹² /uL
11 MCV	0.02	0.00-0.20	10 ¹² /uL
12 MCH	0.3	0.0-2.0	%
13 MCHC	0.00	0.00-0.20	10 ¹² /uL
14 RDW	0.0	0.0-0.5	%
15 RBC	3.54	3.50-9.50	10 ¹² /uL
16 HGB	10.6	L 11.0-16.0	g/dL
17 HCT	31.3	L 37.0-54.0	%
18 RCV	88.5	80.0-100.0	fl
20 MCH	29.9	27.0-34.0	pg
21 MCHC	33.7	32.0-36.0	g/dL
22 RDW-CV	14.1	11.0-16.0	%
23 RDW-SD	44.7	35.0-56.0	fl
24 PLT	325	H 100-300	10 ⁹ /uL
25 MPV	12.1	H 6.5-12.0	fl
26 PDW-SD	15.9	9.0-17.0	fl
27 PDW-CV	15.0	10.0-17.9	%
28 PCT	0.393	H 0.106-0.282	%
29 P-LCR	42.3	11.0-45.0	%
30 P-LCC	137	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



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

Submitter: Operator: admin Approver: admin
 Sampling Time: 2022/11/13 17:08 Delivery Time: 2022/11/13 17:08 Validated Time: 2022/11/13 17:08
 Report Time: 2022/11/13 17:37 Remarks:

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

Sample Type
Department
Patient ID

Lab Report

Sample ID: RHEC 518119
Test Date: 11/23/2022
Diagnosis

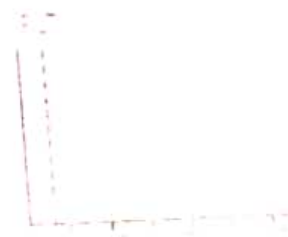
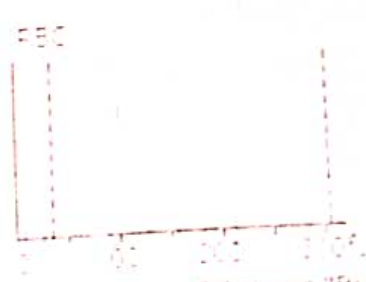
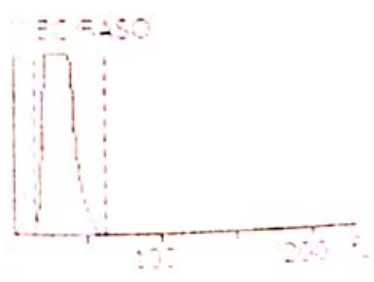
1 Bas%
2 Neut%
3 Lymph%
4 Mon%
5 Eos%#
6 Eos%
7 ALY%
8 ALY%
9 RBC#
10 HGB
11 HCT
12 MCV
13 MCH
14 MCHC
15 RDW-CV
16 RDW-SD
17 PLT
18 MPV
19 PDW-SD
20 PDW-CV
21 PCT
22 P-LCR
23 P-LCC

Result	Ref Range	Unit
5.73	4.00-10.00	10 ³ /uL
60.6	50.0-70.0	%
31.9	20.0-40.0	%
6.6	3.0-12.0	%
0.5	0.5-5.0	%
0.4	0.5-1.0	%
3.48	2.00-7.00	10 ³ /uL
1.83	0.80-4.00	10 ⁹ /uL
0.37	0.12-1.20	10 ⁹ /uL
0.03	0.02-0.50	10 ⁹ /uL
0.02	0.00-0.10	10 ⁹ /uL
0.03	0.00-0.20	10 ⁹ /uL
0.5	0.1-2.0	%
0.60	0.10-0.70	10 ⁹ /uL
0.0	0.0-2.5	%
3.58	3.50-5.50	10 ⁶ /uL
10.6	L 11.0-16.0	g/dL
31.7	L 37.0-54.0	%
88.5	80.0-100.0	fL
29.7	27.0-34.0	pg
33.5	32.0-36.0	g/dL
14.1	11.0-16.0	%
44.8	35.0-56.0	fL
346	H 100-300	10 ³ /uL
12.4	H 6.5-12.0	fL
15.7	9.0-17.0	fL
15.1	10.0-17.9	%
0.428	H 0.105-0.262	%
44.1	11.0-45.0	%
153	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message



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

Submitter
Sampling Time: 2022/11/13 17:11

Operator: admin
Delivery Time: 2022/11/13 17:11

Approved: [Signature]
VADATEC 3116-1022-11

Hematology Analysis Report

Sample Type:

Department:

Patient ID:

Sample ID: AEG180811

Run Time: 2022/11/15 17:14

Diagnosis:

Result	Ref Range	Unit
5.66	4.00-10.00	10 ³ /uL
61.0	50.0-70.0	%
30.6	20.0-40.0	%
7.3	3.0-12.0	%
0.6	0.5-5.0	%
0.5	0.0-1.0	%
3.46	2.00-7.00	10 ⁶ /uL
1.73	0.80-4.00	10 ⁶ /uL
0.41	0.12-1.20	10 ⁶ /uL
0.03	0.02-0.50	10 ⁶ /uL
0.03	0.00-0.10	10 ⁶ /uL
0.02	0.00-0.20	10 ⁶ /uL
0.3	0.0-2.0	%
0.00	0.00-0.20	10 ⁶ /uL
0.0	0.0-2.5	%
3.51	3.50-5.50	10 ⁶ /uL
10.7	L 11.0-16.0	g/dL
31.0	L 37.0-54.0	%
88.4	80.0-100.0	fL
30.6	27.0-34.0	fL
34.6	32.0-36.0	g/dL
14.1	11.0-16.0	%
44.7	35.0-56.0	fL
321	H 100-300	10 ³ /uL
12.4	F 6.5-12.0	fL
15.2	9.0-17.0	fL
15.6	10.0-17.9	%
0.398	H 0.108-0.282	%
43.9	11.0-15.0	%
141	H 30-90	10 ⁹ /L

WBC Message

RBC Message

PLT Message

BC BASO



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

Approved: admin

Lot No
EUSTICE

Exp Date

2022 12 10

PARA	YES	REC	HGB	HCT	PLT
Target	9.22	4.46	13.3	84.0	260
<input type="checkbox"/>	9.51	4.56	13.7	88.5	263
<input type="checkbox"/>	9.81	4.56	13.7	88.3	254
<input type="checkbox"/>	9.68	4.58	13.6	88.3	259
<input type="checkbox"/>	9.51	4.58	13.6	88.3	256
<input type="checkbox"/>	9.59	4.57	13.7	88.3	253
<input type="checkbox"/>	9.60	4.61	13.6	88.4	250
<input type="checkbox"/>	9.48	4.62	13.6	88.7	254
<input type="checkbox"/>	9.59	4.56	13.6	88.2	249
<input type="checkbox"/>	9.58	4.58	13.6	88.1	258
<input type="checkbox"/>	9.60	4.61	13.6	88.31	256.6
<input type="checkbox"/>	9.595	4.583	13.63	88.31	1.6
<input type="checkbox"/>	1.0	0.5	0.4	0.1	93.53
<input type="checkbox"/>	96.09	97.32	97.58	95.12	100.00
<input type="checkbox"/>	100.00	98.00	98.00	95.00	100.00

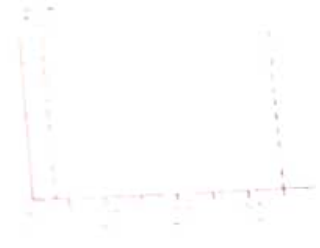
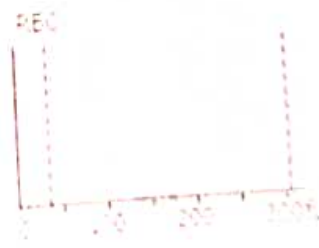
New calibration coefficient (%)
Original Calibration coefficient (%)

L-J QC Analysis

Lot No. EH221TN Level Run Time
 Exp. Date 2023/01/10 Run Time 2022/11/13 17:32
 QC Mode Whole Blood-CBC+DIFF QC Sample ID

2022/11/13 17:34
 RBCs
 Neut#
 Lym#
 Mon#
 10 Eos#
 11 Bas#
 12 RBC
 13 HGB
 14 HCT
 15 MCV
 16 MCH
 17 MCHC
 18 RDW-CV
 19 RDW-SD
 20 PLT
 21 MPV
 22 PDW-SD
 23 PDW-CV
 24 PCT
 25 P-LCR
 26 P-LCC

Result	Ref. Range	Unit
7.86	6.74-8.74	10 ¹³ /uL
60.6	50.7-66.7	%
28.2	21.7-37.7	%
7.0	1.4-11.4	%
4.2	0.0-10.4	%
70.0	63.2-79.2	%
4.77	3.64-5.24	10 ¹² /uL
2.21	1.60-3.05	10 ¹² /uL
0.55	0.00-1.66	10 ¹² /uL
0.33	0.00-0.80	10 ¹² /uL
5.50	4.81-6.21	10 ¹³ /uL
4.53	4.32-4.80	10 ⁶ /uL
13.2	12.5-13.7	g/dL
37.8	36.0-42.0	%
83.4	80.5-90.5	fL
29.1	26.2-31.2	pg
34.8	30.5-36.5	g/dL
16.5	14.5-20.5	%
50.0	42.3-62.3	fL
233	195-275	10 ⁹ /uL
10.2	7.0-13.0	fL
13.0	9.9-15.9	fL
16.7	13.6-19.6	%
0.236	0.135-0.335	%
28.3	19.8-35.8	%
66	42-92	10 ⁹ /L



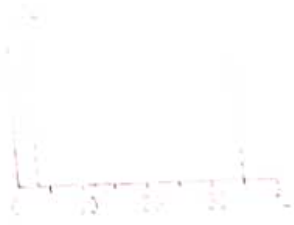
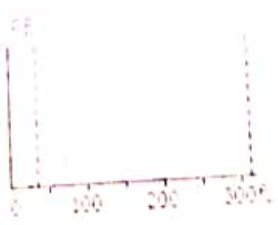
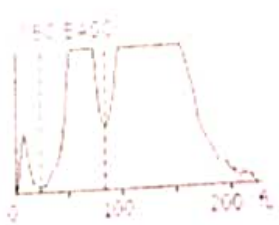
L-J QC Analysis

Level:
Run Tir
QC Sa:

Lot No.: EH2211H Level: High
Exp. Date: 2023/01/10 Run Time: 2022/11/13 17:34
QC Mode: Whole Blood CBC+DIFF QC Sample ID:

Result	Ref Range	Unit
17.47	15.07-20.07	10 ⁹ /uL
60.2	56.7-72.3	%
19.0	13.3-26.3	%
7.4	0.3-12.3	%
7.4	0.2-14.7	%
80.2	72.3-88.3	%
11.57	10.14-12.94	10 ⁹ /uL
3.32	2.47-4.67	10 ⁹ /uL
1.29	0.09-2.29	10 ⁹ /uL
1.29	0.00-2.54	10 ⁹ /uL
14.01	12.61-15.61	10 ⁹ /uL
5.17	4.68-5.68	10 ⁶ /uL
16.8	15.9-17.5	g/dL
48.1	45.7-53.7	%
93.1	89.9-101.9	fL
32.4	29.8-34.8	fL
34.9	30.7-36.7	g/dL
15.9	13.8-19.8	%
53.9	44.1-68.1	fL
463	417-537	10 ³ /uL
9.9	7.1-13.1	fL
11.9	9.7-15.7	fL
16.0	13.3-19.3	%
0.460	0.282-0.682	%
26.7	18.8-34.8	%
124	93-163	10 ³ /L

- 18 Baso
- 19 Mono
- 20 Lymph
- 21 Neut
- 22 RBC
- 23 HGB
- 24 HCT
- 25 MCV
- 26 MCH
- 27 MCHC
- 28 RDW-CV
- 29 RDW-SD
- 30 PLT
- 31 MPV
- 32 PDW-SD
- 33 PDW-CV
- 34 PCT
- 35 P-LCR
- 36 P-LCC

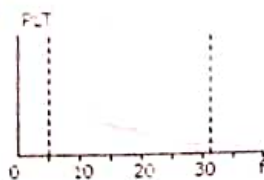
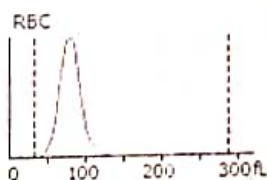
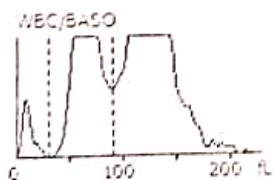


L-J QC Analysis

File No.:	22	Lot No.:	EH2301L	Level:	Low
Operator:	admin	Exp. Date:	2023/03/10	Run Time:	2023/02/20 11:25
Print Time:	2023/02/20 11:26	QC Mode:	Whole Blood-CBC+DIFF	QC Sample ID:	HEM00024

Parameter	Result	Ref. Range	Unit
1 WBC	3.21	2.77-3.77	10 ³ /uL
2 Neu%	50.3	41.0-59.0	%
3 Lym%	39.0	30.1-48.1	%
4 Mon%	6.7	2.6-10.6	%
5 Eos%	4.0	0.0-8.6	%
6 Bas%	61.8	53.2-69.2	%
7 Neu#	1.62	1.24-2.04	10 ³ /uL
8 Lym#	1.26	0.88-1.68	10 ³ /uL
9 Mon#	0.21	0.08-0.36	10 ³ /uL
10 Eos#	0.12	0.00-0.28	10 ³ /uL
11 Bas#	1.99	1.70-2.30	10 ³ /uL
12 RBC	2.10	2.09-2.45	10 ⁶ /uL
13 HGB	5.4	5.2-6.0	g/dL
14 HCT	15.9	15.3-19.3	%
15 MCV	75.8	71.3-81.3	fL
16 MCH	25.7	22.3-27.3	pg
17 MCHC	33.9	30.1-36.1	g/dL
18 RDW-CV	17.2	15.1-21.1	%
19 RDW-SD	48.1	38.6-58.6	fL
20 PLT	52	27-67	10 ³ /uL
21 MPV	10.7	7.0-13.0	fL
22 PDW-SD	12.2	7.4-13.4	fL
23 PDW-CV	14.3	10.2-16.2	%
24 PCT	0.056	0.000-0.094	%
25 P-LCR	29.9	14.0-34.0	%
26 P-LCC	16	0-28	10 ⁹ /L

Abbas
20/2/23

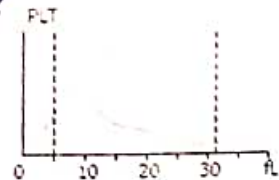
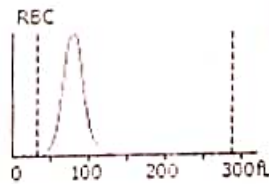
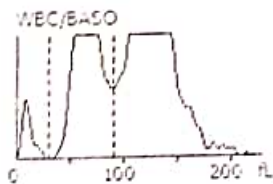


L-J QC Analysis

File No.:	22	Lot No.:	EH2301L	Level:	Low
Operator:	admin	Exp. Date:	2023/03/10	Run Time:	2023/02/20 11:25
Print Time:	2023/02/20 11:26	QC Mode:	Whole Blood-CBC+DIFF	QC Sample ID:	HEM00024

Parameter	Result	Ref. Range	Unit
1 WBC	3.21	2.77-3.77	10 ³ /uL
2 Neu%	50.3	41.0-59.0	%
3 Lym%	39.0	30.1-48.1	%
4 Mon%	6.7	2.6-10.6	%
5 Eos%	4.0	0.0-8.6	%
6 Bas%	61.8	53.2-69.2	%
7 Neu#	1.62	1.24-2.04	10 ³ /uL
8 Lym#	1.26	0.88-1.68	10 ³ /uL
9 Mon#	0.21	0.08-0.36	10 ³ /uL
10 Eos#	0.12	0.00-0.28	10 ³ /uL
11 Bas#	1.99	1.70-2.30	10 ³ /uL
12 RBC	2.10	2.09-2.45	10 ⁶ /uL
13 HGB	5.4	5.2-6.0	g/dL
14 HCT	15.9	15.3-19.3	%
15 MCV	75.8	71.3-81.3	fL
16 MCH	25.7	22.3-27.3	pg
17 MCHC	33.9	30.1-36.1	g/dL
18 RDW-CV	17.2	15.1-21.1	%
19 RDW-SD	48.1	38.6-58.6	fL
20 PLT	52	27-67	10 ³ /uL
21 MPV	10.7	7.0-13.0	fL
22 PDW-SD	12.2	7.4-13.4	fL
23 PDW-CV	14.3	10.2-16.2	%
24 PCT	0.056	0.000-0.094	%
25 P-LCR	29.9	14.0-34.0	%
26 P-LCC	16	0-28	10 ⁹ /L

Abbas
20/2/23

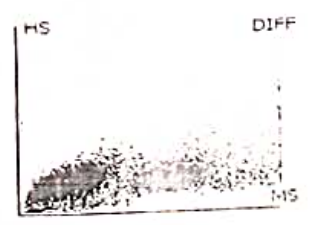
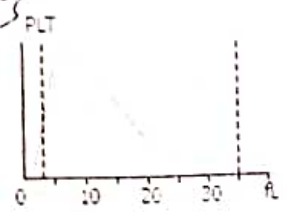
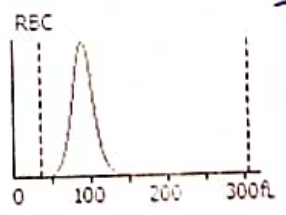
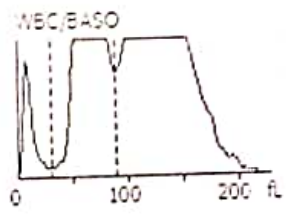


L-J QC Analysis

Id: 23	Lot No.: EH2301N	Level: Normal
Operator: admin	Exp. Date: 2023/03/10	Run Time: 2023/02/20 11:27
Print Time: 2023/02/20 11:28	QC Mode: Whole Blood-CBC+DIFF	QC Sample ID: HEM00025

Parameter	Result	Ref. Range	Unit
1 WBC	8.15	6.96-8.96	10 ³ /uL
2 Neu%	56.5	48.2-64.2	%
3 Lym%	31.0	23.3-39.3	%
4 Mon%	6.9	1.4-11.4	%
5 Eos%	5.6	0.1-12.1	%
6 Bas%	69.8	61.8-77.8	%
7 Neu#	4.61	3.77-5.17	10 ³ /uL
8 Lym#	2.53	1.79-3.19	10 ³ /uL
9 Mon#	0.56	0.01-1.01	10 ³ /uL
10 Eos#	0.45	0.00-0.98	10 ³ /uL
11 Bas#	5.69	4.85-6.25	10 ³ /uL
12 RBC	4.35	3.55-5.55	10 ⁶ /uL
13 HGB	13.1	12.6-13.8	g/dL
14 HCT	37.4	36.0-42.0	%
15 MCV	86.0	80.6-90.6	fL
16 MCH	30.2	26.5-31.5	pg
17 MCHC	35.1	31.6-37.6	g/dL
18 RDW-CV	15.6	14.0-20.0	%
19 RDW-SD	49.6	41.3-61.3	fL
20 PLT	251	222-302	10 ³ /uL
21 MPV	9.9	6.6-12.6	fL
22 PDW-SD	11.9	8.4-14.4	fL
23 PDW-CV	16.0	12.7-18.7	%
24 PCT	0.249	0.151-0.351	%
25 P-LCR	26.3	15.7-31.7	%
26 P-LCC	66	37-87	10 ⁹ /L

Albairah
20/2/23



L-J QC Analysis

Operator: 24
 Print Time: 2023/02/20 11:29

Lot No.: EH2301H
 Exp. Date: 2023/03/10
 QC Mode: Whole Blood-CBC+DIFF

Level: High
 Run Time: 2023/02/20 11:28
 QC Sample ID: HEM00026

Parameter	Result	Ref. Range	Unit
1 WBC	17.16	15.22-20.22	10 ³ /uL
2 Neu%	66.4	58.6-72.6	%
3 Lym%	19.3	14.5-26.5	%
4 Mon%	6.3	0.5-12.5	%
5 Eos%	8.0	0.4-14.4	%
6 Bas%	81.3	72.6-88.6	%
7 Neu#	11.40	10.22-13.02	10 ³ /uL
8 Lym#	3.31	2.53-4.73	10 ³ /uL
9 Mon#	1.08	0.05-2.25	10 ³ /uL
10 Eos#	1.37	0.01-2.61	10 ³ /uL
11 Bas#	13.95	12.78-15.78	10 ³ /uL
12 RBC	5.08	4.78-5.78	10 ⁶ /uL
13 HGB	16.5	15.9-17.5	g/dL
14 HCT	47.1	45.0-53.0	%
15 MCV	92.7	86.8-98.8	fL
16 MCH	32.5	28.7-34.7	pg
17 MCHC	35.0	31.8-37.8	g/dL
18 RDW-CV	14.5	13.2-19.2	%
19 RDW-SD	49.5	40.6-64.6	fL
20 PLT	475	427-547	10 ³ /uL
21 MPV	10.2	7.0-13.0	fL
22 PDW-SD	12.7	9.1-15.1	fL
23 PDW-CV	16.1	12.8-18.8	%
24 PCT	0.483	0.287-0.687	%
25 P-LCR	27.7	17.5-33.5	%
26 P-LCC	131	89-159	10 ⁹ /L

Abhilash
 20/2/23

