



Date: 01/07/2022

CALIBRATION CERTIFICATE

This is to certify that Beckman Coulter UniCel DxH 800 Hematology analyzer Serial No. RBD 45164, installed at Symbion VIP diagnostics, Bodakdev, Ahmedabad has been successfully calibrated on 01/07/2022 using Coulter S – Cal Calibrator Lot No. 113162110 Exp. 23/07/2022. The next calibration due is on 30/06/2023.

For Beckman Coulter India Pvt. Ltd

A handwritten signature in black ink, appearing to read 'Rakesh Patel', written over a horizontal line.

Mr. Rakesh Patel

Application Consultant

Daily Checks

Summary

System

Background

Supplies

CBC

DIFF

RETIC

NRBC

Instrument DxH1

Date / Time 07/01/2022 03:34:18 PM

Overall Status Pass

Last Shutdown Date / Time 07/01/2022 05:30:00 AM

	Status		Status
System	Pass	DIFF	Pass
Background	Pass	RETIC	Disabled
Supplies	Pass	NRBC	Pass
CBC	Pass		

Daily Checks

Shutdown

Auto Report

Auto Configuration

Export

Review

Cancel

View Log

Carryover

Place a whole blood tube in cassette position one. Place diluent tubes in positions 2, 3 and 4.

	Date	Time	WBC	RBC	HGB	PLT
Blood 1	07/01/2022	03:39 PM	6.721	3.843	9.41	472.4
Blood 2	07/01/2022	03:40 PM	6.630	3.899	9.40	477.6
Blood 3	07/01/2022	03:40 PM	6.605	3.919	9.40	485.4
Diluent 1	07/01/2022	03:41 PM	0.012	0.001	0.06	0.9
Diluent 2	07/01/2022	03:42 PM	0.001	0.000	0.03	0.5
Diluent 3	07/01/2022	03:43 PM	0.001	0.000	0.03	0.2

Carryover Results	0.17%	0.03%	0.34%	0.13%
Pass/Fail	Pass	Pass	Pass	Pass

Presentation

CASSETTE

Procedure State

COMPLETED

Panel

CBC

Instrument Name

DxH1

Last Performed

Date

07/01/2022

Time

03:43 PM

By

DXH1

Carryover Status

Passed

Repeatability

Presentation

CASSETTE

Number of Aspirations

10

Instrument

DxH1

Test Panel

CBC

Last Repeatability

Date

06/10/2022

Time

07:46 PM

By

SvcAdmin

Procedure State

Active

Exclude	Date	Time	CBC						
			WBC	RBC	HGB	MCV	RDW	RDW-SD	
<input type="checkbox"/>	07/01/2022	03:51 PM	7.696	5.522	14.35	77.98	13.98	38.06	
<input type="checkbox"/>	07/01/2022	03:50 PM	7.644	5.490	14.40	78.00	14.18	38.50	
<input type="checkbox"/>	07/01/2022	03:49 PM	7.540	5.489	14.38	78.70	14.11	38.50	
<input type="checkbox"/>	07/01/2022	03:48 PM	7.564	5.499	14.37	78.46	13.91	38.06	
<input type="checkbox"/>	07/01/2022	03:48 PM	7.529	5.485	14.35	78.45	13.90	37.63	
<input type="checkbox"/>	07/01/2022	03:47 PM	7.631	5.499	14.46	78.76	14.11	38.94	
<input type="checkbox"/>	07/01/2022	03:46 PM	7.645	5.555	14.35	78.30	14.20	38.50	
<input type="checkbox"/>	07/01/2022	03:46 PM	7.730	5.463	14.35	78.36	14.16	38.94	
<input type="checkbox"/>	07/01/2022	03:45 PM	7.545	5.588	14.40	78.76	14.01	38.50	

N	10	10	10	10	10	10
Mean	7.611	5.508	14.38	78.37	14.09	38.46
2SD	0.138	0.075	0.07	0.63	0.26	0.87
%CV	0.91	0.68	0.26	0.40	0.94	1.13
Min	7.529	5.463	14.35	77.94	13.90	37.63
Max	7.730	5.588	14.46	78.76	14.29	38.94
Diff	0.201	0.125	0.12	0.82	0.40	1.31

◀ Quick Scroll ▶

Clear Runs View Log Details Modify Setup Export Finish Pause Cancel

Repeatability

Presentation
CASSETTE

Number of Aspirations
10

Instrument
DxH1

Test Panel
CBC

Last Repeatability

Date
06/10/2022

Time
07:46 PM

By
SvcAdmin

Procedure State
Active

Exclude	Date	Time	CBC						
			HGB	MCV	RDW	RDW-SD	PLT	MPV	
<input type="checkbox"/>	07/01/2022	03:51 PM	14.35	77.98	13.98	38.06	228.6	9.13	
<input type="checkbox"/>	07/01/2022	03:50 PM	14.40	78.00	14.18	38.50	224.4	8.88	
<input type="checkbox"/>	07/01/2022	03:49 PM	14.38	78.70	14.11	38.50	225.4	8.95	
<input type="checkbox"/>	07/01/2022	03:48 PM	14.37	78.46	13.91	38.06	218.5	8.84	
<input type="checkbox"/>	07/01/2022	03:48 PM	14.35	78.45	13.90	37.63	220.6	8.94	
<input type="checkbox"/>	07/01/2022	03:47 PM	14.46	78.76	14.11	38.94	226.5	8.97	
<input type="checkbox"/>	07/01/2022	03:46 PM	14.35	78.30	14.20	38.50	222.6	8.98	
<input type="checkbox"/>	07/01/2022	03:46 PM	14.35	78.36	14.16	38.94	215.2	8.81	
<input type="checkbox"/>	07/01/2022	03:45 PM	14.40	78.76	14.01	38.50	209.4	8.32	

N	10	10	10	10	10	10
Mean	14.38	78.37	14.09	38.46	222.0	8.88
2SD	0.07	0.63	0.26	0.87	12.5	0.43
%CV	0.26	0.40	0.94	1.13	2.81	2.42
Min	14.35	77.94	13.90	37.63	209.4	8.32
Max	14.46	78.76	14.29	38.94	229.0	9.13
Diff	0.12	0.82	0.40	1.31	19.7	0.81

Quick Scroll

Clear Runs View Log Details Modify Setup Export Finish Pause Cancel



← → Menu

CBC Calibration

▶ ◻ 🔊

N
10

Presentation
CASSETTE

Procedure State
Active

Instrument
DxH1

Last CBC Calibration

Date

Time

By
DXH1

Calibrator Information

Type
BCI

Lot #
113162110

Expiration Date
07/23/2022

Exclude	Date	Time	WBC	RBC	HGB	MCV	PLT	MPV
<input type="checkbox"/>	07/01/2022	04:03 PM	8.595	4.164	12.11	88.39	207.4	10.44
<input type="checkbox"/>	07/01/2022	04:02 PM	8.458	4.151	12.13	88.51	206.5	10.34
<input type="checkbox"/>	07/01/2022	04:02 PM	8.636	4.139	12.19	88.24	203.7	10.47
<input type="checkbox"/>	07/01/2022	04:01 PM	8.657	4.125	12.15	88.21	206.7	10.36
<input type="checkbox"/>	07/01/2022	04:01 PM	8.468	4.153	12.18	88.04	206.8	10.52
<input type="checkbox"/>	07/01/2022	04:00 PM	8.396	4.137	12.17	88.62	206.5	10.36
<input type="checkbox"/>	07/01/2022	03:59 PM	8.433	4.168	12.17	88.64	209.4	10.45
<input type="checkbox"/>	07/01/2022	03:59 PM	8.607	4.165	12.10	88.46	209.9	10.46

Mean	8.527	4.150	12.15	88.39	207.6	10.42
Reference	8.100	4.120	12.30	88.70	209.0	10.70
%CV	1.07	0.34	0.27	0.22	0.98	0.56
Factor %Diff	-5.00	-0.72	1.19	0.36	0.66	2.71
Difference	0.427	0.030	0.15	0.31	1.4	0.28
In use Cal Factor	1.149	1.019	0.939	0.967	0.951	0.945
New Cal Factor	1.092	1.012	0.950	0.971	0.957	0.970

Unchecked to use current cal factors

Use System Recommendation

Clear Values View Log Details Calibration Setup Edit Cal Factors Export View Cal Factors Finish Pause Cancel

Quality Control (Data View)

DxH1

Control

Source

Type

Lot

State

Level

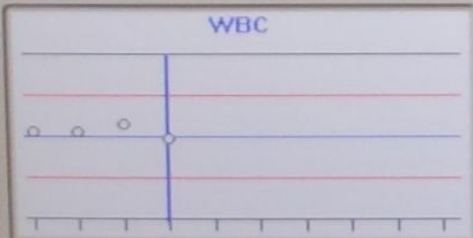
Exp. Date

Filter

Start

End

Shift



	Summary Data					Target	Limit	06/29/2022	06/30/2022	07/01/2022	07/01/2022
	Delta Diff	Mean	2SD	%CV	N	Assigned	Manual	08:39:11 AM	08:30:50 AM	08:02:58 AM	04:13:50 PM
WBC	0.1	3.6	0.2	2.13	4	3.5	0.6	3.6	3.6	3.7	3.5
RBC	0.02	1.83	0.06	1.77	4	1.81	0.11	1.84	1.85	1.86	1.79
HGB	-0.0	4.9	0.1	1.16	4	4.9	0.3	4.9	4.8	4.8	5.0
HCT	-0.0	15.2	0.3	1.02	4	15.2	1.5	15.3	15.2	15.3	15.0
MCV	-0.9	82.9	1.3	0.78	4	83.8	5.0	82.9	82.6	82.3	83.7
MCH	-0.5	26.6	1.6	2.96	4	27.1	2.6	26.4	26.2	26.0	27.7
MCHC	-0.1	32.1	1.4	2.19	4	32.2	4.5	31.8	31.8	31.6	33.1
RDW	0.4	16.4	0.4	1.19	4	16.0	2.5	16.4	16.3	16.6	16.2
RDW-SD	1.3	48.8	1.1	1.16	4	47.5	11.0	49.4	48.6	49.0	48.1
PLT	-1	71	1	0.66	4	72	15	71	72	72	71
MPV	-0.2	10.1	0.2	1.09	4	10.3	2.0	10.0	10.1	10.0	10.2
@PCT	-0.002	0.072	0.002	1.51	4	0.074	0.030	0.071	0.073	0.072	0.073
@PDW	-0.1	14.1	0.1	0.21	4	14.2	2.0	14.0	14.0	14.1	14.0
NE	-1.3	43.4	1.6	1.88	4	44.7	5.0	42.6	43.9	42.9	44.3
LY	0.7	45.9	2.4	2.57	4	45.2	6.0	47.3	45.3	46.5	44.7
MO	0.3	7.1	0.8	5.44	4	6.8	3.0	6.6	7.1	7.1	7.5
EO	0.3	3.6	0.2	3.24	4	3.3	3.0	3.5	3.7	3.5	3.5
BA	0.0	0.0	0.0	66.67	4	0.0	0.5	0.0	0.0	0.0	0.0
NE#	-0.0	1.6	0.0	1.01	4	1.6	0.8	1.6	1.6	1.6	1.5
LY#	0.1	1.7	0.1	4.49	4	1.6	0.8	1.7	1.6	1.7	1.6
MO#	0.1	0.3	0.0	4.08	4	0.2	0.3	0.2	0.3	0.3	0.3
EO#	0.0	0.1	0.0	4.27	4	0.1	0.5	0.1	0.1	0.1	0.1
BA#	0.0	0.0	0.0	66.73	4	0.0	0.1	0.0	0.0	0.0	0.0
NRBC	NA	0.2	0.0	9.88	4	NA	1.5	0.2	0.2	0.2	0.3
Comment							Exclude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
							Presentation	C	C	C	C
							Comment				
							Reviewed By	DXH1	DXH1	Click To Review	Click To Review
								06/29/2022 08:50A	06/30/2022 08:32A		

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Quality Control (Data View)

DxH1

INF/DAT Filename: 2022-07-01T16-14-24 133184360 00037 73331

Control

Source

Type

Lot

State

Level

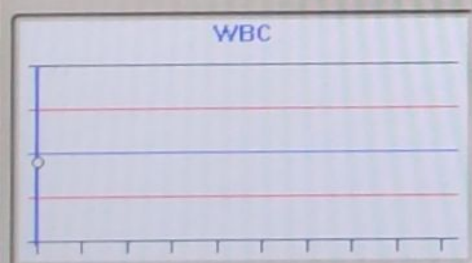
Exp. Date

Filter

Start

End

Shift



	Summary Data					Target	Limit	07/01/2022
	Delta Diff	Mean	2SD	%CV	N	Assigned	Manual	04:14:24 PM
WBC	-0.2	20.5	0.0	0.00	1	20.7	1.3	20.5
RBC	-0.04	3.99	0.00	0.00	1	4.03	0.15	3.99
HGB	0.0	12.2	0.0	0.00	1	12.2	0.6	12.2
HCT	-0.2	36.4	0.0	0.00	1	36.6	1.9	36.4
MCV	0.4	91.1	0.0	0.00	1	90.7	4.5	91.1
MCH	0.3	30.6	0.0	0.00	1	30.3	1.6	30.6
MCHC	0.3	33.6	0.0	0.00	1	33.3	2.2	33.6
RDW	0.7	15.4	0.0	0.00	1	14.7	2.5	15.4
RDW-SD	2.6	51.2	0.0	0.00	1	48.6	11.0	51.2
PLT	-2	417	0	0.00	1	419	45	417
MPV	0.2	11.0	0.0	0.00	1	10.8	2.0	11.0
@PCT	0.006	0.459	0.000	0.00	1	0.453	0.060	0.459
@PDW	-0.2	13.8	0.0	0.00	1	14.0	2.0	13.8
NE	0.5	67.6	0.0	0.00	1	67.1	5.0	67.6
LY	-0.7	13.9	0.0	0.00	1	14.6	5.0	13.9
MO	0.8	13.7	0.0	0.00	1	12.9	3.0	13.7
EO	-0.6	4.7	0.0	0.00	1	5.3	3.0	4.7
BA	-0.0	0.1	0.0	0.00	1	0.1	0.5	0.1
NE#	0.0	13.9	0.0	0.00	1	13.9	4.0	13.9
LY#	-0.1	2.9	0.0	0.00	1	3.0	2.5	2.9
MO#	0.1	2.8	0.0	0.00	1	2.7	2.0	2.8
EO#	-0.1	1.0	0.0	0.00	1	1.1	2.0	1.0
BA#	0.0	0.0	0.0	0.00	1	0.0	0.1	0.0
NRBC	-0.3	7.5	0.0	0.00	1	7.8	2.0	7.5

Comment

Exclude

Presentation

Comment

Reviewed By [Click To Review](#)

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Quality Control (Data View)

DxH1

INF/DAT Filename: 2022-07-01T16-15-28 143194360 00038 73332

Control

Source

Type

Lot

State

Level

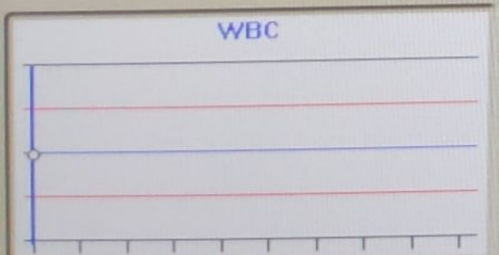
Exp. Date

Filter

Start

End

Shift



	Summary Data					Target	Limit	07/01/2022
	Delta Diff	Mean	2SD	%CV	N	Assigned	Manual	04:15:28 PM
WBC	-0.0	8.4	0.0	0.00	1	8.4	0.7	8.4
RBC	-0.01	5.27	0.00	0.00	1	5.28	0.23	5.27
HGB	-0.3	15.4	0.0	0.00	1	15.7	0.7	15.4
HCT	0.3	47.5	0.0	0.00	1	47.2	3.5	47.5
MCV	0.8	90.2	0.0	0.00	1	89.4	4.5	90.2
MCH	-0.5	29.2	0.0	0.00	1	29.7	1.8	29.2
MCHC	-0.9	32.4	0.0	0.00	1	33.3	2.9	32.4
RDW	0.4	15.2	0.0	0.00	1	14.8	2.5	15.2
RDW-SD	1.8	50.3	0.0	0.00	1	48.5	11.0	50.3
PLT	0	214	0	0.00	1	214	25	214
MPV	0.4	11.1	0.0	0.00	1	10.7	2.0	11.1
@PCT	0.009	0.238	0.000	0.00	1	0.229	0.040	0.238
@PDW	-0.1	13.8	0.0	0.00	1	13.9	2.0	13.8
NE	-1.3	54.4	0.0	0.00	1	55.7	5.0	54.5
LY	0.8	28.2	0.0	0.00	1	27.4	5.0	28.2
MO	0.2	9.3	0.0	0.00	1	9.1	3.0	9.3
EO	0.2	8.0	0.0	0.00	1	7.8	4.0	8.0
BA	0.0	0.0	0.0	0.00	1	0.0	0.5	0.0
NE#	-0.0	4.6	0.0	0.00	1	4.6	2.0	4.6
LY#	0.1	2.4	0.0	0.00	1	2.3	1.6	2.4
MO#	-0.0	0.8	0.0	0.00	1	0.8	0.8	0.8
EO#	-0.0	0.7	0.0	0.00	1	0.7	1.4	0.7
BA#	0.0	0.0	0.0	0.00	1	0.0	0.1	0.0
NRBC	-0.0	20.6	0.0	0.00	1	20.6	3.0	20.6
Comment						Exclude	<input type="checkbox"/>	
						Presentation	C	
						Comment		
						Reviewed By	Click To Review	

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