



**Labtech  
Healthcare**

**Labtech Health Care India Pvt. Ltd.**

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**CALIBRATION CERTIFICATE**

<b>Customer Name</b>	<b>RELIABLE DIAGNOSTIC CENTRE SHRI HOSPITAL</b>		
<b>Department</b>	Department of Haematology-Laboratory Medicine		
<b>Address</b>	4, Vishnupuri, Jagatpura Road, Jaipur, pincode-302017		
	<b>Date of Calibration</b>	18.03.2021	
<b>Instrument</b>	<i>Mindray BC-5130 ANALYZER</i>	<b>Next Calibration Date</b>	17.03.2022
<b>Serial No</b>	TR-98003386	<b>Calibrator Lot Number</b>	PLUS-0221
		<b>Calibrator Expiry date</b>	05-07-2018

	<u>Parameter</u>	<u>Target</u>	<u>Range</u>	<u>Mean of Measured Values</u>	<u>New Factor</u>	<u>Old Factor</u>
<u>Calibration Values</u>	WBC x 10 <sup>9</sup> /L	8.49	8.29-8.69	8.28	108.43	107.42
	RBC x 10 <sup>12</sup> /L	4.45	4.35-4.455	4.38	103.86	103.67
	HGB g/L	133	131-135	13.1	103.43	103.10
	MCV fl	97.2	95.2-99.2	99.3	91.61	92.09
	PLT x 10 <sup>9</sup> /L	262	247-277	252	102.55	101.85

This is to certify that the Mindray BC 6800 PLUS Hematology Analyser Sr.No: TR-98003386 system, installed at RELIABLE DIAGNOSTIC CENTRE SHRI HOSPITAL, Calicut has been calibrated using the standard reference material SC CAL PLUS-0618 Calibrator. Traceability of SC CAL PLUS Calibrator material from the manufacturer is attached along with this certificate.

Date: 19-3-2021

Approved by

For Labtech Healthcare India Pvt. Ltd.  
Jaipur (Raj.)



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Lot No  
Exp Date  
Calibrator Type  
Analyzer SN  
Cal Date

Calibrator

Lot No	Exp Date	Calibrator Type	Analyzer SN	Cal Date
PLU50221	02/06/2021		TR-98003386	13/03/2021

Target	Selected	WBC	RBC	HGB	MCV	PLT	Diff-Mean	Diff-CV (%)	CBC-Mean	CBC-CV (%)	New Factor (%)	Transfer Factor (%)
1	Yes	6.58	4.55	13.6	51.0	258	5.78	1.9	13.1	0.7	0.2	2.5
2	Yes	8.24	4.34	13.1	99.4	253						
3	Yes	8.06	4.35	13.1	99.0	258						
4	Yes	8.47	4.41	13.2	99.6	243						
5	Yes	8.27	4.39	13.2	99.4	253						
6	Yes	8.37	4.42	13.2	99.2	251						
7												
8												
9												
10												
11												

LJQC

Pat No  
Acc#  
Site Code  
Site Date  
Site Type  
IC Sample ID

Parameter	Result	Unit
WBC	5.11	10 <sup>9</sup> /dL
Neut%	4.55	%
Lymph%	2.23	%
Mon%	0.64	%
Eos%	0.59	%
Bas%	0.10	%
Neut%	56.0	%
Lymph%	27.5	%
Mon%	8.0	%
Eos%	7.3	%
Bas%	1.2	%
RBC	4.33	10 <sup>6</sup> /dL

Parameter	Result	Unit
WBC	6.82 - 8.93	10 <sup>9</sup> /dL
Neut%	3.33 - 5.21	%
Lymph%	1.56 - 2.92	%
Mon%	0.00 - 1.08	%
Eos%	0.00 - 1.14	%
Bas%	0.00 - 0.22	%
Neut%	42.5 - 66.5	%
Lymph%	20.0 - 36.0	%
Mon%	0.0 - 17.6	%
Eos%	0.0 - 14.6	%
Bas%	0.0 - 2.3	%
RBC	4.00 - 4.48	10 <sup>6</sup> /dL

Parameter	Result	Unit	Rel Ranges
WBC	12.8	10 <sup>9</sup> /dL	12.1 - 13.3
Neut%	39.7	%	38.5 - 42.5
Lymph%	91.7	%	90.5 - 100.5
Mon%	29.6	%	27.5 - 32.5
Eos%	32.3	%	28.4 - 34.4
Bas%	15.9	%	13.7 - 19.1
Neut%	53.7	%	47.3 - 63.3
Lymph%	27.5	%	20.9 - 28.6
Mon%	11.1	%	8.4 - 14.4
Eos%	15.3	%	13.1 - 19.1
Bas%	0.513	%	0.184 - 0.384
RBC	50	10 <sup>6</sup> /dL	60 - 110

Parameter	Result	Unit	Rel Ranges
PLCR	33.7	%	24.0 - 44