

CBC-CAL PLUS

for MINDRAY
HEMATOLOGY CALIBRATOR**CALIBRATOR****LOT** PLUS1223**2024-01-05**

Instrument	Parameter	Assigned Value	Acceptable Range
MINDRAY BC-6800, BC-6600	WBC x 10 ³ /μL	8.70	8.50 - 8.90
	RBC x 10 ⁶ /μL	4.52	4.44 - 4.60
	HGB g/dL	13.2	13.0 - 13.4
	MCV fL	90.9	88.9 - 92.9
	PLT x 10 ³ /μL	247	235 - 259
MINDRAY BC-6800Plus, BC-6700Plus BC-6600Plus	WBC x 10 ³ /μL	8.67	8.47 - 8.87
	RBC x 10 ⁶ /μL	4.55	4.47 - 4.63
	HGB g/dL	13.2	13.0 - 13.4
	MCV fL	90.9	88.9 - 92.9
	PLT x 10 ³ /μL	250	238 - 262
MINDRAY BC-6200 BC-6100, BC-6100Plus BC-6000, BC-6000Plus	WBC x 10 ³ /μL	8.93	8.73 - 9.13
	RBC x 10 ⁶ /μL	4.60	4.52 - 4.68
	HGB g/dL	13.3	13.1 - 13.5
	MCV fL	92.0	90.0 - 94.0
	PLT x 10 ³ /μL	251	239 - 263
MINDRAY BC-5800, BC-5600	WBC x 10 ³ /μL	9.08	8.88 - 9.28
	RBC x 10 ⁶ /μL	4.59	4.51 - 4.67
	HGB g/dL	13.6	13.4 - 13.8
	MCV fL	87.0	85.0 - 89.0
	PLT x 10 ³ /μL	252	240 - 264
MINDRAY BC-5390	WBC x 10 ³ /μL	9.25	9.05 - 9.45
	RBC x 10 ⁶ /μL	4.54	4.46 - 4.62
	HGB g/dL	13.3	13.1 - 13.5
	MCV fL	84.0	82.0 - 86.0
	PLT x 10 ³ /μL	246	234 - 258
MINDRAY BC-5390CRP, BC-5310CRP BC-5180CRP, BC-5100CRP	WBC x 10 ³ /μL	9.31	9.11 - 9.51
	RBC x 10 ⁶ /μL	4.50	4.42 - 4.58
	HGB g/dL	13.4	13.2 - 13.6
	MCV fL	85.7	83.7 - 87.7
	PLT x 10 ³ /μL	243	231 - 255
MINDRAY BC-5380, BC-5180 BC-5300, BC-5300Vet BC-5100, BC-5100Vet <small>(Software version lower than 1.24.00.16860)</small>	WBC x 10 ³ /μL	9.10	8.90 - 9.30
	RBC x 10 ⁶ /μL	4.54	4.46 - 4.62
	HGB g/dL	13.5	13.3 - 13.7
	MCV fL	89.5	87.5 - 91.5
	PLT x 10 ³ /μL	245	233 - 257
MINDRAY BC-5380, BC-5180 BC-5300, BC-5100 <small>(Software version 1.24.00.16860 or higher)</small>	WBC x 10 ³ /μL	9.29	9.09 - 9.49
	RBC x 10 ⁶ /μL	4.45	4.37 - 4.53
	HGB g/dL	13.4	13.2 - 13.6
	MCV fL	87.3	85.3 - 89.3
	PLT x 10 ³ /μL	248	236 - 260
MINDRAY BC-5000, BC-5000Vet BC-5150, BC-5140 BC-5130, BC-5120	WBC x 10 ³ /μL	8.88	8.68 - 9.08
	RBC x 10 ⁶ /μL	4.55	4.47 - 4.63
	HGB g/dL	13.3	13.1 - 13.5
	MCV fL	87.9	85.9 - 89.9
	PLT x 10 ³ /μL	243	231 - 255

- NOTES**
1. Before using CBC-CAL PLUS, read the package insert. Calibration errors may result if instructions are not followed exactly.
 2. For technical assistance in the USA and Canada call our Technical Service Department at (800) 523-3395.

R&D Systems, Inc.614 McKinley Place NE
Minneapolis, MN 55413 USA
AS124-018 Rev. 04/20

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HEMATOLOGY CALIBRATOR**CALIBRATOR****LOT** PLUS1223**2024-01-05**

Instrument	Parameter	Assigned Value	Acceptable Range	++
MINDRAY BC-3600, BC-3300	WBC x 10 ³ /μL	9.2	9.0 - 9.4	
	RBC x 10 ⁶ /μL	4.64	4.56 - 4.72	
	HGB g/dL	13.6	13.4 - 13.8	
	MCV fL	85.9	83.9 - 87.9	
	PLT x 10 ³ /μL	255	243 - 267	
MINDRAY BC-3200, BC-3000 CT	WBC x 10 ³ /μL	9.6	9.4 - 9.8	
	RBC x 10 ⁶ /μL	4.55	4.47 - 4.63	
	HGB g/dL	13.5	13.3 - 13.7	
	MCV fL	86.4	84.4 - 88.4	
	PLT x 10 ³ /μL	249	237 - 261	
MINDRAY BC-3000 Plus BC-2900, BC-1800	WBC x 10 ³ /μL	9.3	9.1 - 9.5	
	RBC x 10 ⁶ /μL	4.64	4.56 - 4.72	
	HGB g/dL	13.6	13.4 - 13.8	
	MCV fL	85.5	83.5 - 87.5	
	PLT x 10 ³ /μL	243	231 - 255	
MINDRAY BC-2800, BC-2600 BC-2800Vet, BC-2600Vet	WBC x 10 ³ /μL	9.2	9.0 - 9.4	
	RBC x 10 ⁶ /μL	4.56	4.48 - 4.64	
	HGB g/dL	13.6	13.4 - 13.8	
	MCV fL	87.0	85.0 - 89.0	
	PLT x 10 ³ /μL	247	235 - 259	
MINDRAY BC-2300, BC-2100	WBC x 10 ³ /μL	9.1	8.9 - 9.3	
	RBC x 10 ⁶ /μL	4.45	4.35 - 4.55	
	HGB g/dL	13.5	13.3 - 13.7	
	MCV fL	87.0	85.0 - 89.0	
	PLT x 10 ³ /μL	236	221 - 251	
MINDRAY BC-20s, BC-21s BC-30, BC-30s, BC-30e BC-31, BC-31s	WBC x 10 ³ /μL	9.1	8.9 - 9.3	
	RBC x 10 ⁶ /μL	4.43	4.33 - 4.53	
	HGB g/dL	13.6	13.4 - 13.8	
	MCV fL	88.8	86.8 - 90.8	
	PLT x 10 ³ /μL	241	226 - 256	
MINDRAY BC-10, BC-10e, BC-11 BC-20, BC-21	WBC x 10 ³ /μL	9.0	8.8 - 9.2	
	RBC x 10 ⁶ /μL	4.42	4.32 - 4.52	
	HGB g/dL	13.4	13.2 - 13.6	
	MCV fL	88.8	86.8 - 90.8	
	PLT x 10 ³ /μL	242	227 - 257	

NOTES

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