

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

<b>CALIBRATOR</b>
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<b>LOT</b>	<b>PLUS0226</b>
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<b>2026-03-05</b>
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Instrument	Parameter	Calibration Values	Acceptable Range
BC-6800, BC-6600	WBC x 10 <sup>9</sup> /L	8.67	8.47 - 8.87
	RBCx 10 <sup>12</sup> /L	4.45	4.37 - 4.53
	HGB g/L	126	124 - 128
	MCV fL	89.1	87.1 - 91.1
	PLT x 10 <sup>9</sup> /L	248	236 - 260
BC-6800Plus BC-6700Plus BC-6600Plus	WBC x 10 <sup>9</sup> /L	8.67	8.47 - 8.87
	RBCx 10 <sup>12</sup> /L	4.44	4.36 - 4.52
	HGB g/L	127	125 - 129
	MCV fL	89.5	87.5 - 91.5
BC-6200 BC-6100Plus, BC-6100 BC-6000Plus, BC-6000	WBC x 10 <sup>9</sup> /L	9.03	8.83 - 9.23
	RBCx 10 <sup>12</sup> /L	4.49	4.41 - 4.57
	HGB g/L	127	125 - 129
	MCV fL	89.6	87.6 - 91.6
BC-5800, BC-5600	WBC x 10 <sup>9</sup> /L	9.04	8.84 - 9.24
	RBCx 10 <sup>12</sup> /L	4.46	4.38 - 4.54
	HGB g/L	129	127 - 131
	MCV fL	84.9	82.9 - 86.9
BC-5390	WBC x 10 <sup>9</sup> /L	9.30	9.10 - 9.50
	RBCx 10 <sup>12</sup> /L	4.46	4.38 - 4.54
	HGB g/L	127	125 - 129
	MCV fL	82.0	80.0 - 84.0
	PLT x 10 <sup>9</sup> /L	251	239 - 263
BC-5390CRP, BC-5180CRP BC-5310CRP BC-5100CRP	WBC x 10 <sup>9</sup> /L	9.55	9.35 - 9.75
	RBCx 10 <sup>12</sup> /L	4.39	4.31 - 4.47
	HGB g/L	128	126 - 130
	MCV fL	84.0	82.0 - 86.0
	PLT x 10 <sup>9</sup> /L	244	232 - 256
BC-5380, BC-5180 BC-5300, BC-5100	WBC x 10 <sup>9</sup> /L	9.43	9.23 - 9.63
	RBCx 10 <sup>12</sup> /L	4.38	4.30 - 4.46
	HGB g/L	128	126 - 130
	MCV fL	86.0	84.0 - 88.0
	PLT x 10 <sup>9</sup> /L	250	238 - 262
BC-5000, BC-5000Vet BC-5150, BC-5140 BC-5130, BC-5120	WBC x 10 <sup>9</sup> /L	8.87	8.67 - 9.07
	RBCx 10 <sup>12</sup> /L	4.43	4.35 - 4.51
	HGB g/L	126	124 - 128
	MCV fL	86.3	84.3 - 88.3
	PLT x 10 <sup>9</sup> /L	242	230 - 254
BC-700[B], BC-700[R], BC-720[R], BC-760[B], BC-760[R], BC-780[R], BC-700[B] CS, BC-760[B] CS, BC-700[R] CS, BC-760[R] CS * BP 200n, * BP 260n	WBC x 10 <sup>9</sup> /L	9.19	8.99 - 9.39
	RBCx 10 <sup>12</sup> /L	4.50	4.42 - 4.58
	HGB g/L	127	125 - 129
	MCV fL	91.0	89.0 - 93.0
	PLT x 10 <sup>9</sup> /L	254	242 - 266
	ESR mm/h	15.14	
BC-7500[B] CRP, BC-7500[R] CRP, BC-7500[N] CRP, BC-7500[NR] CRP	WBC x 10 <sup>9</sup> /L	8.94	8.74 - 9.14
	RBCx 10 <sup>12</sup> /L	4.46	4.38 - 4.54
	HGB g/L	128	126 - 130
	MCV fL	89.7	87.7 - 91.7
	PLT x 10 <sup>9</sup> /L	246	234 - 258


Before using, refer to the instruction sheet for mixing directions.

\* Only ESR is involved in BP 200n and BP 260n

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BC-3600, BC-3300	WBC x 10 <sup>9</sup> /L	9.4	9.2 - 9.6
	RBCx 10 <sup>12</sup> /L	4.58	4.50 - 4.66
	HGB g/L	130	128 - 132
	MCV fL	82.7	80.7 - 84.7
	PLT x 10 <sup>9</sup> /L	251	239 - 263
BC-3000 Plus, BC-2900 BC-1800	WBC x 10 <sup>9</sup> /L	9.6	9.4 - 9.8
	RBCx 10 <sup>12</sup> /L	4.56	4.48 - 4.64
	HGB g/L	130	128 - 132
	MCV fL	83.4	81.4 - 85.4
	PLT x 10 <sup>9</sup> /L	248	236 - 260
BC-2800, BC-2600 BC-2800Vet, BC-2600Vet	WBC x 10 <sup>9</sup> /L	9.1	8.9 - 9.3
	RBCx 10 <sup>12</sup> /L	4.43	4.35 - 4.51
	HGB g/L	129	127 - 131
	MCV fL	84.4	82.4 - 86.4
	PLT x 10 <sup>9</sup> /L	248	236 - 260
BC-2300, BC-2100	WBC x 10 <sup>9</sup> /L	9.2	9.0 - 9.4
	RBCx 10 <sup>12</sup> /L	4.35	4.25 - 4.45
	HGB g/L	128	126 - 130
	MCV fL	84.1	82.1 - 86.1
	PLT x 10 <sup>9</sup> /L	246	231 - 261
BC-20s, BC-21s BC-30, BC-30s, BC-30e BC-31, BC-31s	WBC x 10 <sup>9</sup> /L	9.3	9.1 - 9.5
	RBCx 10 <sup>12</sup> /L	4.34	4.24 - 4.44
	HGB g/L	129	127 - 131
	MCV fL	86.7	84.7 - 88.7
	PLT x 10 <sup>9</sup> /L	246	231 - 261
BC-10, BC-10e, BC-11 BC-20, BC-21	WBC x 10 <sup>9</sup> /L	9.1	8.9 - 9.3
	RBCx 10 <sup>12</sup> /L	4.34	4.24 - 4.44
	HGB g/L	129	127 - 131
	MCV fL	85.5	83.5 - 87.5
	PLT x 10 <sup>9</sup> /L	243	228 - 258

Before using, refer to the instruction sheet for mixing directions.



**Mindray**

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<b>EC</b>	<b>REP</b>
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