SC-CAL Plus

HEMATOLOGY CALIBRATOR

CALIBRATOR

LOT **PLUS0919**

2019-10-05

Instrument	Parameter	Calibration Values	Acceptable Range
BC-6800, BC-6600	WBC 10^9/L	8.70	8.50 - 8.90
	RBC 10^{12}/L	4.47	4.39 - 4.55
	HGB g/L	135	133 - 137
	MCV fL	95.0	93.0 - 97.0
	PLT 10^9/L	246	234 - 258
BC-5800, BC-5600	WBC 10^9/L	9.00	8.80 - 9.20
	RBC 10^{12}/L	4.54	4.46 - 4.62
	HGB g/L	136	134 - 138
	MCV fL	88.5	86.5 - 90.5
	PLT 10^9/L	259	247 - 271
BC-5500, BC-5200	WBC 10^9/L	8.60	8.40 - 8.80
	RBC 10^{12}/L	4.52	4.44 - 4.60
	HGB g/L	137	135 - 139
	MCV fL	85.0	83.0 - 87.0
	PLT 10^9/L	246	234 - 258
BC-5390	WBC 10^9/L	9.20	9.00 - 9.40
	RBC 10^{12}/L	4.44	4.36 - 4.52
	HGB g/L	134	132 - 136
	MCV fL	86.0	84.0 - 88.0
	PLT 10^9/L	252	240 - 264
BC-5390 CRP BC-5180 CRP	WBC 10^9/L	9.30	9.10 - 9.50
	RBC 10^{12}/L	4.50	4.42 - 4.58
	HGB g/L	135	133 - 137
	MCV fL	86.5	84.5 - 88.5
	PLT 10^9/L	252	240 - 264
BC-5380, BC-5180 BC-5300, BC-5300Vet BC-5100, BC-5100Vet (Software version lower than 1.24.00.16860)	WBC 10^9/L	8.90	8.70 - 9.10
	RBC 10^{12}/L	4.49	4.41 - 4.57
	HGB g/L	136	134 - 138
	MCV fL	90.5	88.5 - 92.5
	PLT 10^9/L	250	238 - 262
BC-5380, BC-5180 BC-5300, BC-5100 (Software version 1.24.00.16860 or higher)	WBC 10^9/L	9.30	9.10 - 9.50
	RBC 10^{12}/L	4.42	4.34 - 4.50
	HGB g/L	135	133 - 137
	MCV fL	89.0	87.0 - 91.0
	PLT 10^9/L	245	233 - 257
BC-5150，BC-5000 BC-5120，BC-5130，BC-5140 BC-5000Vet	WBC 10^9/L	8.90	8.70 - 9.10
	RBC 10^{12}/L	4.53	4.45 - 4.61
	HGB g/L	136	134 - 138
	MCV fL	92.0	90.0 - 94.0
	PLT 10^9/L	251	239 - 263
BC-3600, BC-3300	WBC 10^9/L	9.3	9.1 - 9.5
	RBC 10^{12}/L	4.65	4.57 - 4.73
	HGB g/L	138	136 - 140
	MCV fL	88.0	86.0 - 90.0
	PLT 10^9/L	260	248 - 272

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Instrument	Parameter	Calibration Values	Acceptable Range
BC-3200, BC-3000CT	**WBC 10^9/L**	**9.5**	**9.3 - 9.7**
	RBC 10^{12}/L	**4.62**	**4.54 - 4.70**
	HGB g/L	**138**	**136 - 140**
	MCV fL	**89.5**	**87.5 - 91.5**
	PLT 10^9/L	**255**	**243 - 267**
BC-3000 Plus, BC-2900	**WBC 10^9/L**	**9.2**	**9.0 - 9.4**
BC-1800	**RBC 10^{12}/L**	**4.62**	**4.54 - 4.70**
	HGB g/L	**138**	**136 - 140**
	MCV fL	**89.5**	**87.5 - 91.5**
	PLT 10^9/L	**253**	**241 - 265**
BC-2800, BC-2600	**WBC 10^9/L**	**9.1**	**8.9 - 9.3**
BC-2800Vet, BC-2600Vet	**RBC 10^{12}/L**	**4.48**	**4.40 - 4.56**
	HGB g/L	**137**	**135 - 139**
	MCV fL	**89.0**	**87.0 - 91.0**
	PLT 10^9/L	**254**	**242 - 266**
BC-2300, BC-2100	**WBC 10^9/L**	**9.0**	**8.8 - 9.2**
	RBC 10^{12}/L	**4.48**	**4.38 - 4.58**
	HGB g/L	**136**	**134 - 138**
	MCV fL	**87.5**	**85.5 - 89.5**
	PLT 10^9/L	**250**	**235 - 265**
BC-6000, BC-6100,	**WBC 10^9/L**	**8.88**	**8.68 - 9.08**
BC-6200, BC-6000Plus,	**RBC 10^{12}/L**	**4.60**	**4.50 - 4.70**
BC-6100Plus	**HGB g/L**	**136**	**134 - 138**
	MCV fL	**94.2**	**92.2 - 96.2**
	PLT 10^9/L	**258**	**243 - 273**
BC-6600Plus,	**WBC 10^9/L**	**8.64**	**8.44 - 8.84**
BC-6700Plus,	**RBC 10^{12}/L**	**4.56**	**4.46 - 4.66**
BC-6800Plus	**HGB g/L**	**134**	**132 - 136**
	MCV fL	**93.9**	**91.9 - 95.9**
	PLT 10^9/L	**257**	**242 - 272**
BC-30s, BC-31s,	**WBC 10^9/L**	**9.3**	**9.1 - 9.5**
BC-20s, BC-21s,	**RBC 10^{12}/L**	**4.41**	**4.31 - 4.51**
BC-30, BC-31,BC-30e	**HGB g/L**	**140**	**138 - 142**
	MCV fL	**88.5**	**86.5 - 90.5**
	PLT 10^9/L	**246**	**231 - 261**

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

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.
Mindray Building, Keji 12th Road South, Hi-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China
Tel: +86 755 81888998
Fax: +86 755 26582680

EC REP

EC-REPRESENTATIVE:
Shanghai International Holding Corp. GmbH (Europe)
Eiffestraße 80 20537 Hamburg, Germany
Tel: 0049-40-2513175
Fax: 0049-40-255726

CE IVD

P/N: 046-003621-00(8.0)