

SC-CAL PLUS

HEMATOLOGY CONTROLS

CALIBRATOR

LOT



PLUS1126

2026-12-05

Instrument	Parameter		Calibration Values	Acceptable Range
BC-700[B], BC-700[B] CS	WBC	$\times 10^9/L$	8.74	8.54 - 8.94
BC-700[R], BC-700[R] CS	RBC	$\times 10^{12}/L$	4.49	4.41 - 4.57
BC-760[B], BC-760[B] CS	HGB	g/L	131	129 - 133
BC-760[R], BC-760[R] CS	MCV	fL	92.3	90.3 - 94.3
BC-720[R], BC-780[R]	PLT	$\times 10^9/L$	237	225 - 249
BP 200n, BP 260n	ESR	mm/h	15.26	/ - /
BC-7500[B] CRP, BC-7500[N] CRP	WBC	$\times 10^9/L$	8.70	8.50 - 8.90
BC-7500[R] CRP, BC-7500[NR] CRP	RBC	$\times 10^{12}/L$	4.44	4.36 - 4.52
BC-7300[B] CRP, BC-7300[N] CRP	HGB	g/L	131	129 - 133
BC-7300[R] CRP, BC-7300[NR] CRP	MCV	fL	91.9	89.9 - 93.9
BC-7500[B] CS, BC-7500[N] CS	PLT	$\times 10^9/L$	235	223 - 247
BC-7500[R] CS, BC-7500[NR] CS				
BC-6800, BC-6600	WBC	$\times 10^9/L$	8.47	8.27 - 8.67
	RBC	$\times 10^{12}/L$	4.42	4.34 - 4.50
	HGB	g/L	130	128 - 132
	MCV	fL	92.3	90.3 - 94.3
	PLT	$\times 10^9/L$	233	221 - 245
BC-6600Plus, BC-6700Plus	WBC	$\times 10^9/L$	8.61	8.41 - 8.81
BC-6800Plus	RBC	$\times 10^{12}/L$	4.47	4.39 - 4.55
	HGB	g/L	129	127 - 131
	MCV	fL	92.3	90.3 - 94.3
	PLT	$\times 10^9/L$	231	219 - 243
	ESR	mm/h	16.86	/ - /
BC-6000, BC-6100	WBC	$\times 10^9/L$	8.78	8.58 - 8.98
BC-6200, Counter 60 AL,	RBC	$\times 10^{12}/L$	4.49	4.41 - 4.57
BC-6000Plus	HGB	g/L	132	130 - 134
BC-6100Plus	MCV	fL	92.3	90.3 - 94.3
	PLT	$\times 10^9/L$	243	231 - 255
BC-5800, BC-5600	WBC	$\times 10^9/L$	8.81	8.61 - 9.01
	RBC	$\times 10^{12}/L$	4.43	4.35 - 4.51
	HGB	g/L	133	131 - 135
	MCV	fL	87.9	85.9 - 89.9
	PLT	$\times 10^9/L$	250	238 - 262
BC-5380, BC-5180	WBC	$\times 10^9/L$	9.29	9.09 - 9.49
BC-5300, BC-5100	RBC	$\times 10^{12}/L$	4.35	4.27 - 4.43
	HGB	g/L	130	128 - 132
	MCV	fL	88.6	86.6 - 90.6
	PLT	$\times 10^9/L$	243	231 - 255
BC-5390 CRP, BC-5180 CRP	WBC	$\times 10^9/L$	9.39	9.19 - 9.59
BC-5310 CRP, BC-5100 CRP	RBC	$\times 10^{12}/L$	4.36	4.28 - 4.44
	HGB	g/L	131	129 - 133
	MCV	fL	87.2	85.2 - 89.2
	PLT	$\times 10^9/L$	235	223 - 247
BC-5150, BC-5000	WBC	$\times 10^9/L$	8.81	8.61 - 9.01
BC-5120, BC-5130	RBC	$\times 10^{12}/L$	4.44	4.36 - 4.52
BC-5140, BC-5000Vet	HGB	g/L	131	129 - 133
Counter 29	MCV	fL	89.3	87.3 - 91.3
	PLT	$\times 10^9/L$	242	230 - 254
BC-5390, Counter 31 AL	WBC	$\times 10^9/L$	9.10	8.90 - 9.30
	RBC	$\times 10^{12}/L$	4.38	4.30 - 4.46
	HGB	g/L	131	129 - 133
	MCV	fL	86.0	84.0 - 88.0
	PLT	$\times 10^9/L$	242	230 - 254

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BC-3600, BC-3300	WBC	$\times 10^9/L$	9.1	8.9 - 9.3
	RBC	$\times 10^{12}/L$	4.52	4.44 - 4.60
	HGB	g/L	132	130 - 134
	MCV	fL	85.7	83.7 - 87.7
	PLT	$\times 10^9/L$	239	227 - 251
BC-3000 Plus, BC-2900 BC-1800	WBC	$\times 10^9/L$	9.6	9.4 - 9.8
	RBC	$\times 10^{12}/L$	4.56	4.48 - 4.64
	HGB	g/L	134	132 - 136
	MCV	fL	86.2	84.2 - 88.2
	PLT	$\times 10^9/L$	240	228 - 252
BC-2800, BC-2600 BC-2800Vet, BC-2600Vet	WBC	$\times 10^9/L$	9.0	8.8 - 9.2
	RBC	$\times 10^{12}/L$	4.44	4.36 - 4.52
	HGB	g/L	133	131 - 135
	MCV	fL	87.0	85.0 - 89.0
	PLT	$\times 10^9/L$	231	219 - 243
BC-2300, BC-2100	WBC	$\times 10^9/L$	9.2	9.0 - 9.4
	RBC	$\times 10^{12}/L$	4.40	4.30 - 4.50
	HGB	g/L	131	129 - 133
	MCV	fL	87.1	85.1 - 89.1
	PLT	$\times 10^9/L$	230	215 - 245
BC-30s, BC-31s BC-20s, BC-21s BC-30, BC-31 BC-30e	WBC	$\times 10^9/L$	9.2	9.0 - 9.4
	RBC	$\times 10^{12}/L$	4.33	4.23 - 4.43
	HGB	g/L	133	131 - 135
	MCV	fL	89.3	87.3 - 91.3
	PLT	$\times 10^9/L$	239	224 - 254
BC-7600, BC-7800, BC-7900, BC-7600Plus, BC-7800Plus, BC-7900Plus (Not applicable to Russia)	WBC	$\times 10^9/L$	8.91	8.71 - 9.11
	RBC	$\times 10^{12}/L$	4.50	4.42 - 4.58
	HGB	g/L	131	129 - 133
	MCV	fL	93.2	91.2 - 95.2
	PLT	$\times 10^9/L$	239	227 - 251
	ESR	mm/h	15.33	/ - /
BC-20, BC-21 BC-10, BC-11 BC-10e	WBC	$\times 10^9/L$	9.0	8.8 - 9.2
	RBC	$\times 10^{12}/L$	4.34	4.24 - 4.44
	HGB	g/L	133	131 - 135
	MCV	fL	88.0	86.0 - 90.0
	PLT	$\times 10^9/L$	225	210 - 240

Only ESR is involved in BP 200n and BP 260n.

For BC-6800Plus/BC-6700Plus/BC-6600Plus, the ESR parameter is only applicable when the device software version is 1.25 and above.

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