

SC-CAL PLUS

HEMATOLOGY CONTROLS

CALIBRATOR

LOT



PLUS1026

2026-11-05

Instrument	Parameter		Calibration Values	Acceptable Range
BC-700[B], BC-700[B] CS	WBC	$\times 10^9/L$	9.07	8.87 - 9.27
BC-700[R], BC-700[R] CS	RBC	$\times 10^{12}/L$	4.55	4.47 - 4.63
BC-760[B], BC-760[B] CS	HGB	g/L	131	129 - 133
BC-760[R], BC-760[R] CS	MCV	fL	90.8	88.8 - 92.8
BC-720[R], BC-780[R]	PLT	$\times 10^9/L$	231	219 - 243
BP 200n, BP 260n	ESR	mm/h	14.92	/ - /
BC-7500[B] CRP, BC-7500[N] CRP	WBC	$\times 10^9/L$	9.04	8.84 - 9.24
BC-7500[R] CRP, BC-7500[NR] CRP	RBC	$\times 10^{12}/L$	4.52	4.44 - 4.60
BC-7300[B] CRP, BC-7300[N] CRP	HGB	g/L	131	129 - 133
BC-7300[R] CRP, BC-7300[NR] CRP	MCV	fL	90.9	88.9 - 92.9
BC-7500[B] CS, BC-7500[N] CS	PLT	$\times 10^9/L$	233	221 - 245
BC-7500[R] CS, BC-7500[NR] CS				
BC-6800, BC-6600	WBC	$\times 10^9/L$	8.80	8.60 - 9.00
	RBC	$\times 10^{12}/L$	4.50	4.42 - 4.58
	HGB	g/L	130	128 - 132
	MCV	fL	90.5	88.5 - 92.5
	PLT	$\times 10^9/L$	233	221 - 245
BC-6600Plus, BC-6700Plus	WBC	$\times 10^9/L$	8.98	8.78 - 9.18
BC-6800Plus	RBC	$\times 10^{12}/L$	4.52	4.44 - 4.60
	HGB	g/L	129	127 - 131
	MCV	fL	90.5	88.5 - 92.5
	PLT	$\times 10^9/L$	226	214 - 238
	ESR	mm/h	16.38	/ - /
BC-6000, BC-6100	WBC	$\times 10^9/L$	9.10	8.90 - 9.30
BC-6200, Counter 60 AL,	RBC	$\times 10^{12}/L$	4.54	4.46 - 4.62
BC-6000Plus	HGB	g/L	131	129 - 133
BC-6100Plus	MCV	fL	90.8	88.8 - 92.8
	PLT	$\times 10^9/L$	238	226 - 250
BC-5800, BC-5600	WBC	$\times 10^9/L$	9.09	8.89 - 9.29
	RBC	$\times 10^{12}/L$	4.49	4.41 - 4.57
	HGB	g/L	132	130 - 134
	MCV	fL	86.6	84.6 - 88.6
	PLT	$\times 10^9/L$	244	232 - 256
BC-5380, BC-5180	WBC	$\times 10^9/L$	9.56	9.36 - 9.76
BC-5300, BC-5100	RBC	$\times 10^{12}/L$	4.44	4.36 - 4.52
	HGB	g/L	131	129 - 133
	MCV	fL	86.9	84.9 - 88.9
	PLT	$\times 10^9/L$	238	226 - 250
BC-5390 CRP, BC-5180 CRP	WBC	$\times 10^9/L$	9.56	9.36 - 9.76
BC-5310 CRP, BC-5100 CRP	RBC	$\times 10^{12}/L$	4.46	4.38 - 4.54
	HGB	g/L	132	130 - 134
	MCV	fL	85.2	83.2 - 87.2
	PLT	$\times 10^9/L$	233	221 - 245
BC-5150, BC-5000	WBC	$\times 10^9/L$	9.13	8.93 - 9.33
BC-5120, BC-5130	RBC	$\times 10^{12}/L$	4.52	4.44 - 4.60
BC-5140, BC-5000Vet	HGB	g/L	130	128 - 132
Counter 29	MCV	fL	87.4	85.4 - 89.4
	PLT	$\times 10^9/L$	235	223 - 247
BC-5390, Counter 31 AL	WBC	$\times 10^9/L$	9.35	9.15 - 9.55
	RBC	$\times 10^{12}/L$	4.40	4.32 - 4.48
	HGB	g/L	130	128 - 132
	MCV	fL	85.0	83.0 - 87.0
	PLT	$\times 10^9/L$	231	219 - 243

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Instrument	Parameter		Calibration Values	Acceptable Range		
BC-3600, BC-3300	WBC	$\times 10^9/L$	9.5	9.3	-	9.7
	RBC	$\times 10^{12}/L$	4.60	4.52	-	4.68
	HGB	g/L	132	130	-	134
	MCV	fL	84.1	82.1	-	86.1
	PLT	$\times 10^9/L$	229	217	-	241
BC-3000 Plus, BC-2900 BC-1800	WBC	$\times 10^9/L$	9.9	9.7	-	10.1
	RBC	$\times 10^{12}/L$	4.61	4.53	-	4.69
	HGB	g/L	134	132	-	136
	MCV	fL	84.0	82.0	-	86.0
	PLT	$\times 10^9/L$	234	222	-	246
BC-2800, BC-2600 BC-2800Vet, BC-2600Vet	WBC	$\times 10^9/L$	9.3	9.1	-	9.5
	RBC	$\times 10^{12}/L$	4.51	4.43	-	4.59
	HGB	g/L	133	131	-	135
	MCV	fL	85.1	83.1	-	87.1
	PLT	$\times 10^9/L$	225	213	-	237
BC-2300, BC-2100	WBC	$\times 10^9/L$	9.4	9.2	-	9.6
	RBC	$\times 10^{12}/L$	4.46	4.36	-	4.56
	HGB	g/L	132	130	-	134
	MCV	fL	85.6	83.6	-	87.6
	PLT	$\times 10^9/L$	229	214	-	244
BC-30s, BC-31s BC-20s, BC-21s BC-30, BC-31 BC-30e	WBC	$\times 10^9/L$	9.5	9.3	-	9.7
	RBC	$\times 10^{12}/L$	4.44	4.34	-	4.54
	HGB	g/L	133	131	-	135
	MCV	fL	87.3	85.3	-	89.3
	PLT	$\times 10^9/L$	233	218	-	248
BC-7600, BC-7800, BC-7900 (Not applicable to Russia)	WBC	$\times 10^9/L$	9.21	9.01	-	9.41
	RBC	$\times 10^{12}/L$	4.51	4.43	-	4.59
	HGB	g/L	131	129	-	133
	MCV	fL	92.0	90.0	-	94.0
	PLT	$\times 10^9/L$	232	220	-	244
	ESR	mm/h	14.40	/	-	/
BC-20, BC-21 BC-10, BC-11 BC-10e	WBC	$\times 10^9/L$	9.3	9.1	-	9.5
	RBC	$\times 10^{12}/L$	4.46	4.36	-	4.56
	HGB	g/L	133	131	-	135
	MCV	fL	85.9	83.9	-	87.9
	PLT	$\times 10^9/L$	224	209	-	239

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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