

# BC-6D

## HEMATOLOGY CONTROLS

**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

**LOT** MB0526A

 2026-07-10

Instrument	Parameter	Low		Normal		High	
		<b>LOT</b>	MB0526AL	<b>LOT</b>	MB0526AN	<b>LOT</b>	MB0526AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.92 $\pm$ 0.80		8.31 $\pm$ 1.00		21.09 $\pm$ 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.22 $\pm$ 0.70		4.37 $\pm$ 1.20		12.19 $\pm$ 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.93 $\pm$ 0.50		3.03 $\pm$ 1.00		6.83 $\pm$ 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.13 $\pm$ 0.17		0.42 $\pm$ 0.45		0.95 $\pm$ 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.59 $\pm$ 0.30		0.37 $\pm$ 0.54		0.82 $\pm$ 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 $\pm$ 0.10		0.12 $\pm$ 0.10		0.30 $\pm$ 0.29
	Neu%		56.5 $\pm$ 16.0		52.5 $\pm$ 16.0		57.8 $\pm$ 16.0
	Lym%		23.7 $\pm$ 12.0		36.5 $\pm$ 12.0		32.4 $\pm$ 12.0
	Mon%		3.3 $\pm$ 4.7		5.1 $\pm$ 5.9		4.5 $\pm$ 7.5
	Eos%		15.1 $\pm$ 7.0		4.5 $\pm$ 7.0		3.9 $\pm$ 6.0
	Bas%		1.4 $\pm$ 1.0		1.4 $\pm$ 1.0		1.4 $\pm$ 1.5
	RBC $\times 10^6/\mu\text{L}$		2.22 $\pm$ 0.22		4.21 $\pm$ 0.28		5.10 $\pm$ 0.35
	HGB g/dL		5.8 $\pm$ 0.5		12.1 $\pm$ 0.7		15.6 $\pm$ 0.9
	HCT %		19.4 $\pm$ 2.5		39.7 $\pm$ 3.0		51.6 $\pm$ 3.5
	MCV fL		87.2 $\pm$ 6.0		94.3 $\pm$ 6.0		101.1 $\pm$ 6.0
	MCH pg		26.1 $\pm$ 3.0		28.7 $\pm$ 3.0		30.6 $\pm$ 3.0
	MCHC g/dL		30.0 $\pm$ 3.5		30.5 $\pm$ 3.5		30.3 $\pm$ 3.5
	RDW-CV %		17.8 $\pm$ 5.0		15.3 $\pm$ 5.0		14.3 $\pm$ 6.0
	RDW-SD fL		57.3 $\pm$ 10.0		53.5 $\pm$ 10.0		53.4 $\pm$ 12.0
	PLT $\times 10^3/\mu\text{L}$		57 $\pm$ 25		202 $\pm$ 50		392 $\pm$ 75
	MPV fL		11.1 $\pm$ 3.0		11.6 $\pm$ 3.0		11.6 $\pm$ 3.0
	PDW		16.3 $\pm$ 5.0		16.9 $\pm$ 5.0		16.6 $\pm$ 5.0
	PCT %		0.063 $\pm$ 0.050		0.234 $\pm$ 0.100		0.455 $\pm$ 0.200
	P-LCR %		36.0 $\pm$ 15.0		37.2 $\pm$ 15.0		38.2 $\pm$ 15.0
	P-LCC $\times 10^3/\mu\text{L}$		21 $\pm$ 11		75 $\pm$ 24		150 $\pm$ 50

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