

# BC-6D

## HEMATOLOGY CONTROLS

**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

**LOT** MB1124A



2025-01-10

Instrument	Parameter	Low		Normal		High	
		<b>LOT</b>	MB1124AL	<b>LOT</b>	MB1124AN	<b>LOT</b>	MB1124AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		4.03 $\pm$ 0.80		7.63 $\pm$ 1.00		20.73 $\pm$ 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.25 $\pm$ 0.70		3.90 $\pm$ 1.20		11.80 $\pm$ 2.08
	Lym# $\times 10^3/\mu\text{L}$		1.09 $\pm$ 0.50		2.73 $\pm$ 1.00		6.63 $\pm$ 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.15 $\pm$ 0.17		0.37 $\pm$ 0.45		0.93 $\pm$ 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.48 $\pm$ 0.30		0.52 $\pm$ 0.54		1.08 $\pm$ 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.06 $\pm$ 0.10		0.11 $\pm$ 0.10		0.29 $\pm$ 0.29
	Neu%		55.9 $\pm$ 16.0		51.1 $\pm$ 16.0		56.9 $\pm$ 16.0
	Lym%		27.0 $\pm$ 12.0		35.8 $\pm$ 12.0		32.0 $\pm$ 12.0
	Mon%		3.8 $\pm$ 4.7		4.9 $\pm$ 5.9		4.5 $\pm$ 7.5
	Eos%		11.9 $\pm$ 7.0		6.8 $\pm$ 7.0		5.2 $\pm$ 6.0
	Bas%		1.4 $\pm$ 1.0		1.4 $\pm$ 1.0		1.4 $\pm$ 1.5
	RBC $\times 10^6/\mu\text{L}$		2.28 $\pm$ 0.22		4.20 $\pm$ 0.28		5.09 $\pm$ 0.35
	HGB g/dL		5.7 $\pm$ 0.5		12.0 $\pm$ 0.7		15.6 $\pm$ 0.9
	HCT %		19.1 $\pm$ 2.5		39.7 $\pm$ 3.0		51.5 $\pm$ 3.5
	MCV fL		83.7 $\pm$ 6.0		94.6 $\pm$ 6.0		101.2 $\pm$ 6.0
	MCH pg		25.0 $\pm$ 3.0		28.6 $\pm$ 3.0		30.6 $\pm$ 3.0
	MCHC g/dL		29.9 $\pm$ 3.5		30.2 $\pm$ 3.5		30.3 $\pm$ 3.5
	RDW-CV %		18.2 $\pm$ 5.0		15.1 $\pm$ 5.0		14.3 $\pm$ 6.0
	RDW-SD fL		55.3 $\pm$ 10.0		52.2 $\pm$ 10.0		52.5 $\pm$ 12.0
	PLT $\times 10^3/\mu\text{L}$		56 $\pm$ 25		202 $\pm$ 50		393 $\pm$ 75
	MPV fL		11.0 $\pm$ 3.0		10.2 $\pm$ 3.0		11.2 $\pm$ 3.0
	PDW		16.5 $\pm$ 5.0		16.8 $\pm$ 5.0		16.9 $\pm$ 5.0
	PCT %		0.062 $\pm$ 0.050		0.206 $\pm$ 0.100		0.440 $\pm$ 0.200
	P-LCR %		35.8 $\pm$ 15.0		27.4 $\pm$ 15.0		35.5 $\pm$ 15.0
	P-LCC $\times 10^3/\mu\text{L}$		20 $\pm$ 11		55 $\pm$ 24		140 $\pm$ 50

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