

# BC-6D

## HEMATOLOGY CONTROLS

**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

**LOT** MB0125A



2025-03-10

Instrument	Parameter	Low		Normal		High	
		<b>LOT</b>	MB0125AL	<b>LOT</b>	MB0125AN	<b>LOT</b>	MB0125AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.79 $\pm$ 0.80		7.69 $\pm$ 1.00		21.23 $\pm$ 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.03 $\pm$ 0.70		3.73 $\pm$ 1.20		11.74 $\pm$ 2.08
	Lym# $\times 10^3/\mu\text{L}$		1.10 $\pm$ 0.50		2.83 $\pm$ 1.00		7.13 $\pm$ 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.16 $\pm$ 0.17		0.39 $\pm$ 0.45		1.00 $\pm$ 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.45 $\pm$ 0.30		0.63 $\pm$ 0.54		1.06 $\pm$ 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 $\pm$ 0.10		0.11 $\pm$ 0.10		0.30 $\pm$ 0.29
	Neu%		53.6 $\pm$ 16.0		48.5 $\pm$ 16.0		55.3 $\pm$ 16.0
	Lym%		28.9 $\pm$ 12.0		36.8 $\pm$ 12.0		33.6 $\pm$ 12.0
	Mon%		4.1 $\pm$ 4.7		5.1 $\pm$ 5.9		4.7 $\pm$ 7.5
	Eos%		12.0 $\pm$ 7.0		8.2 $\pm$ 7.0		5.0 $\pm$ 6.0
	Bas%		1.4 $\pm$ 1.0		1.4 $\pm$ 1.0		1.4 $\pm$ 1.5
	RBC $\times 10^6/\mu\text{L}$		2.31 $\pm$ 0.22		4.21 $\pm$ 0.28		5.13 $\pm$ 0.35
	HGB g/dL		5.8 $\pm$ 0.5		12.0 $\pm$ 0.7		15.7 $\pm$ 0.9
	HCT %		19.4 $\pm$ 2.5		39.4 $\pm$ 3.0		52.1 $\pm$ 3.5
	MCV fL		83.9 $\pm$ 6.0		93.6 $\pm$ 6.0		101.5 $\pm$ 6.0
	MCH pg		25.1 $\pm$ 3.0		28.5 $\pm$ 3.0		30.6 $\pm$ 3.0
	MCHC g/dL		29.9 $\pm$ 3.5		30.5 $\pm$ 3.5		30.2 $\pm$ 3.5
	RDW-CV %		18.3 $\pm$ 5.0		15.4 $\pm$ 5.0		14.3 $\pm$ 6.0
	RDW-SD fL		56.1 $\pm$ 10.0		52.7 $\pm$ 10.0		52.9 $\pm$ 12.0
	PLT $\times 10^3/\mu\text{L}$		53 $\pm$ 25		205 $\pm$ 50		374 $\pm$ 75
	MPV fL		10.8 $\pm$ 3.0		10.7 $\pm$ 3.0		10.4 $\pm$ 3.0
	PDW		16.5 $\pm$ 5.0		16.7 $\pm$ 5.0		16.8 $\pm$ 5.0
	PCT %		0.057 $\pm$ 0.050		0.219 $\pm$ 0.100		0.389 $\pm$ 0.200
	P-LCR %		33.3 $\pm$ 15.0		31.5 $\pm$ 15.0		30.5 $\pm$ 15.0
	P-LCC $\times 10^3/\mu\text{L}$		18 $\pm$ 11		65 $\pm$ 24		114 $\pm$ 50

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