

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0923A



2023-11-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0923AL	LOT	MB0923AN	LOT	MB0923AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.74 \pm 0.80		7.98 \pm 1.00		21.46 \pm 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.19 \pm 0.70		3.96 \pm 1.20		11.38 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.95 \pm 0.50		3.01 \pm 1.00		7.53 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.17 \pm 0.17		0.37 \pm 0.45		1.01 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.37 \pm 0.30		0.55 \pm 0.54		1.33 \pm 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.06 \pm 0.10		0.09 \pm 0.10		0.21 \pm 0.29
	Neu%		58.6 \pm 16.0		49.7 \pm 16.0		53.0 \pm 16.0
	Lym%		25.5 \pm 12.0		37.7 \pm 12.0		35.1 \pm 12.0
	Mon%		4.5 \pm 4.7		4.6 \pm 5.9		4.7 \pm 7.5
	Eos%		9.8 \pm 7.0		6.9 \pm 7.0		6.2 \pm 6.0
	Bas%		1.6 \pm 1.0		1.1 \pm 1.0		1.0 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.30 \pm 0.22		4.20 \pm 0.28		5.13 \pm 0.35
	HGB g/dL		5.9 \pm 0.5		12.2 \pm 0.7		16.3 \pm 0.9
	HCT %		19.4 \pm 2.5		39.4 \pm 3.0		52.9 \pm 3.5
	MCV fL		84.2 \pm 6.0		93.8 \pm 6.0		103.2 \pm 6.0
	MCH pg		25.7 \pm 3.0		29.0 \pm 3.0		31.8 \pm 3.0
	MCHC g/dL		30.5 \pm 3.5		31.0 \pm 3.5		30.8 \pm 3.5
	RDW-CV %		18.0 \pm 5.0		15.7 \pm 5.0		14.3 \pm 6.0
	RDW-SD fL		52.9 \pm 10.0		51.1 \pm 10.0		51.1 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		53 \pm 25		203 \pm 50		420 \pm 75
	MPV fL		12.1 \pm 3.0		11.6 \pm 3.0		11.2 \pm 3.0
	PDW		15.9 \pm 5.0		16.4 \pm 5.0		16.7 \pm 5.0
	PCT %		0.064 \pm 0.050		0.235 \pm 0.100		0.470 \pm 0.200
	P-LCR %		44.2 \pm 15.0		38.8 \pm 15.0		35.4 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		23 \pm 11		79 \pm 24		149 \pm 50

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