

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0726A



2026-09-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
element HT5+ QC Mode	WBC $\times 10^3/\mu\text{L}$		3.81 \pm 0.80		7.76 \pm 1.00		20.69 \pm 2.50
	Neu# $\times 10^3/\mu\text{L}$		2.26 \pm 0.70		4.00 \pm 1.20		11.48 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		1.02 \pm 0.50		2.72 \pm 1.00		6.89 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.15 \pm 0.17		0.39 \pm 0.45		0.95 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.32 \pm 0.30		0.53 \pm 0.54		1.06 \pm 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.06 \pm 0.10		0.12 \pm 0.10		0.31 \pm 0.29
	Neu%		59.1 \pm 16.0		51.6 \pm 16.0		55.5 \pm 16.0
	Lym%		26.9 \pm 12.0		35.1 \pm 12.0		33.3 \pm 12.0
	Mon%		4.0 \pm 4.7		5.0 \pm 5.9		4.6 \pm 7.5
	Eos%		8.5 \pm 7.0		6.8 \pm 7.0		5.1 \pm 6.0
	Bas%		1.5 \pm 1.0		1.5 \pm 1.0		1.5 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.26 \pm 0.22		4.25 \pm 0.28		5.10 \pm 0.35
	HGB g/dL		6.0 \pm 0.5		12.3 \pm 0.7		15.6 \pm 0.9
	HCT %		19.4 \pm 2.5		40.2 \pm 3.0		52.1 \pm 3.5
	MCV fL		85.8 \pm 6.0		94.7 \pm 6.0		102.2 \pm 6.0
	MCH pg		26.5 \pm 3.0		28.9 \pm 3.0		30.6 \pm 3.0
	MCHC g/dL		30.9 \pm 3.5		30.6 \pm 3.5		29.9 \pm 3.5
	RDW-CV %		18.9 \pm 5.0		15.1 \pm 5.0		14.5 \pm 6.0
	RDW-SD fL		58.8 \pm 10.0		52.7 \pm 10.0		53.5 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		58 \pm 25		203 \pm 50		376 \pm 75
	MPV fL		10.5 \pm 3.0		11.1 \pm 3.0		10.9 \pm 3.0
	PDW		16.6 \pm 5.0		16.6 \pm 5.0		16.6 \pm 5.0
	PCT %		0.061 \pm 0.050		0.225 \pm 0.100		0.410 \pm 0.200
	P-LCR %		32.2 \pm 15.0		34.2 \pm 15.0		32.9 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		19 \pm 11		69 \pm 24		124 \pm 50

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