

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0926A



2026-11-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0926AL	LOT	MB0926AN	LOT	MB0926AH
element HT5+ QC Mode	WBC $\times 10^3/\mu\text{L}$		3.65 $\pm$ 0.80		7.52 $\pm$ 1.00		21.00 $\pm$ 2.50
	Neu# $\times 10^3/\mu\text{L}$		2.17 $\pm$ 0.70		3.80 $\pm$ 1.20		11.69 $\pm$ 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.87 $\pm$ 0.50		2.73 $\pm$ 1.00		6.97 $\pm$ 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.13 $\pm$ 0.17		0.38 $\pm$ 0.45		0.97 $\pm$ 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.43 $\pm$ 0.30		0.50 $\pm$ 0.54		1.05 $\pm$ 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 $\pm$ 0.10		0.11 $\pm$ 0.10		0.32 $\pm$ 0.29
	Neu%		59.4 $\pm$ 16.0		50.5 $\pm$ 16.0		55.7 $\pm$ 16.0
	Lym%		23.7 $\pm$ 12.0		36.3 $\pm$ 12.0		33.2 $\pm$ 12.0
	Mon%		3.5 $\pm$ 4.7		5.0 $\pm$ 5.9		4.6 $\pm$ 7.5
	Eos%		11.9 $\pm$ 7.0		6.7 $\pm$ 7.0		5.0 $\pm$ 6.0
	Bas%		1.5 $\pm$ 1.0		1.5 $\pm$ 1.0		1.5 $\pm$ 1.5
	RBC $\times 10^6/\mu\text{L}$		2.29 $\pm$ 0.22		4.27 $\pm$ 0.28		5.26 $\pm$ 0.35
	HGB g/dL		6.0 $\pm$ 0.5		12.3 $\pm$ 0.7		16.0 $\pm$ 0.9
	HCT %		19.5 $\pm$ 2.5		40.3 $\pm$ 3.0		53.2 $\pm$ 3.5
	MCV fL		85.0 $\pm$ 6.0		94.4 $\pm$ 6.0		101.2 $\pm$ 6.0
	MCH pg		26.2 $\pm$ 3.0		28.8 $\pm$ 3.0		30.4 $\pm$ 3.0
	MCHC g/dL		30.8 $\pm$ 3.5		30.5 $\pm$ 3.5		30.1 $\pm$ 3.5
	RDW-CV %		19.0 $\pm$ 5.0		15.2 $\pm$ 5.0		14.3 $\pm$ 6.0
	RDW-SD fL		59.3 $\pm$ 10.0		52.3 $\pm$ 10.0		53.2 $\pm$ 12.0
	PLT $\times 10^3/\mu\text{L}$		56 $\pm$ 25		203 $\pm$ 50		415 $\pm$ 75
	MPV fL		9.6 $\pm$ 3.0		10.5 $\pm$ 3.0		10.7 $\pm$ 3.0
	PDW		15.9 $\pm$ 5.0		16.6 $\pm$ 5.0		16.5 $\pm$ 5.0
	PCT %		0.054 $\pm$ 0.050		0.213 $\pm$ 0.100		0.444 $\pm$ 0.200
	P-LCR %		23.2 $\pm$ 15.0		30.6 $\pm$ 15.0		31.8 $\pm$ 15.0
	P-LCC $\times 10^3/\mu\text{L}$		13 $\pm$ 11		62 $\pm$ 24		132 $\pm$ 50

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