

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0925A



2025-11-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0925AL	LOT	MB0925AN	LOT	MB0925AH
element HT5+ QC Mode	WBC $\times 10^3/\mu\text{L}$		3.68 $\pm$ 0.80		7.84 $\pm$ 1.00		20.93 $\pm$ 2.50
	Neu# $\times 10^3/\mu\text{L}$		2.12 $\pm$ 0.70		3.94 $\pm$ 1.20		11.66 $\pm$ 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.82 $\pm$ 0.50		2.83 $\pm$ 1.00		6.38 $\pm$ 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.11 $\pm$ 0.17		0.39 $\pm$ 0.45		0.88 $\pm$ 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.58 $\pm$ 0.30		0.57 $\pm$ 0.54		1.72 $\pm$ 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 $\pm$ 0.10		0.11 $\pm$ 0.10		0.29 $\pm$ 0.29
	Neu%		57.5 $\pm$ 16.0		50.2 $\pm$ 16.0		55.7 $\pm$ 16.0
	Lym%		22.3 $\pm$ 12.0		36.1 $\pm$ 12.0		30.5 $\pm$ 12.0
	Mon%		3.1 $\pm$ 4.7		5.0 $\pm$ 5.9		4.2 $\pm$ 7.5
	Eos%		15.7 $\pm$ 7.0		7.3 $\pm$ 7.0		8.2 $\pm$ 6.0
	Bas%		1.4 $\pm$ 1.0		1.4 $\pm$ 1.0		1.4 $\pm$ 1.5
	RBC $\times 10^6/\mu\text{L}$		2.21 $\pm$ 0.22		4.26 $\pm$ 0.28		5.18 $\pm$ 0.35
	HGB g/dL		5.7 $\pm$ 0.5		12.1 $\pm$ 0.7		15.8 $\pm$ 0.9
	HCT %		19.2 $\pm$ 2.5		40.2 $\pm$ 3.0		53.1 $\pm$ 3.5
	MCV fL		86.9 $\pm$ 6.0		94.4 $\pm$ 6.0		102.5 $\pm$ 6.0
	MCH pg		25.8 $\pm$ 3.0		28.4 $\pm$ 3.0		30.5 $\pm$ 3.0
	MCHC g/dL		29.7 $\pm$ 3.5		30.1 $\pm$ 3.5		29.8 $\pm$ 3.5
	RDW-CV %		18.4 $\pm$ 5.0		15.6 $\pm$ 5.0		14.4 $\pm$ 6.0
	RDW-SD fL		58.4 $\pm$ 10.0		53.9 $\pm$ 10.0		53.9 $\pm$ 12.0
	PLT $\times 10^3/\mu\text{L}$		53 $\pm$ 25		206 $\pm$ 50		403 $\pm$ 75
	MPV fL		10.7 $\pm$ 3.0		12.4 $\pm$ 3.0		11.3 $\pm$ 3.0
	PDW		16.8 $\pm$ 5.0		16.4 $\pm$ 5.0		16.6 $\pm$ 5.0
	PCT %		0.057 $\pm$ 0.050		0.255 $\pm$ 0.100		0.455 $\pm$ 0.200
	P-LCR %		32.0 $\pm$ 15.0		43.6 $\pm$ 15.0		36.3 $\pm$ 15.0
	P-LCC $\times 10^3/\mu\text{L}$		17 $\pm$ 11		90 $\pm$ 24		146 $\pm$ 50

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