

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0924A



2024-11-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0924AL	LOT	MB0924AN	LOT	MB0924AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.86 \pm 0.80		7.69 \pm 1.00		20.40 \pm 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.47 \pm 0.70		4.03 \pm 1.20		11.58 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.88 \pm 0.50		2.71 \pm 1.00		6.43 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.12 \pm 0.17		0.37 \pm 0.45		0.88 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.34 \pm 0.30		0.48 \pm 0.54		1.22 \pm 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 \pm 0.10		0.10 \pm 0.10		0.29 \pm 0.29
	Neu%		63.8 \pm 16.0		52.4 \pm 16.0		56.8 \pm 16.0
	Lym%		22.7 \pm 12.0		35.2 \pm 12.0		31.5 \pm 12.0
	Mon%		3.2 \pm 4.7		4.8 \pm 5.9		4.3 \pm 7.5
	Eos%		8.9 \pm 7.0		6.3 \pm 7.0		6.0 \pm 6.0
	Bas%		1.4 \pm 1.0		1.3 \pm 1.0		1.4 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.36 \pm 0.22		4.24 \pm 0.28		5.20 \pm 0.35
	HGB g/dL		5.9 \pm 0.5		12.1 \pm 0.7		15.8 \pm 0.9
	HCT %		19.8 \pm 2.5		39.9 \pm 3.0		52.6 \pm 3.5
	MCV fL		83.9 \pm 6.0		94.1 \pm 6.0		101.1 \pm 6.0
	MCH pg		25.0 \pm 3.0		28.5 \pm 3.0		30.4 \pm 3.0
	MCHC g/dL		29.8 \pm 3.5		30.3 \pm 3.5		30.1 \pm 3.5
	RDW-CV %		18.2 \pm 5.0		15.7 \pm 5.0		14.9 \pm 6.0
	RDW-SD fL		55.6 \pm 10.0		54.1 \pm 10.0		54.5 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		62 \pm 25		207 \pm 50		406 \pm 75
	MPV fL		13.0 \pm 3.0		12.5 \pm 3.0		12.3 \pm 3.0
	PDW		16.3 \pm 5.0		16.7 \pm 5.0		16.9 \pm 5.0
	PCT %		0.081 \pm 0.050		0.259 \pm 0.100		0.499 \pm 0.200
	P-LCR %		52.5 \pm 15.0		44.0 \pm 15.0		43.0 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		33 \pm 11		91 \pm 24		175 \pm 50

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