

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0524A



2024-07-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0524AL	LOT	MB0524AN	LOT	MB0524AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.66 \pm 0.80		7.67 \pm 1.00		21.04 \pm 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.24 \pm 0.70		3.90 \pm 1.20		11.55 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.84 \pm 0.50		2.81 \pm 1.00		6.82 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.12 \pm 0.17		0.39 \pm 0.45		0.95 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.41 \pm 0.30		0.46 \pm 0.54		1.43 \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%		61.0 \pm 16.0		50.9 \pm 16.0		54.9 \pm 16.0
	Lym%		23.0 \pm 12.0		36.6 \pm 12.0		32.4 \pm 12.0
	Mon%		3.3 \pm 4.7		5.1 \pm 5.9		4.5 \pm 7.5
	Eos%		11.3 \pm 7.0		6.0 \pm 7.0		6.8 \pm 6.0
	Bas%		1.4 \pm 1.0		1.4 \pm 1.0		1.4 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.33 \pm 0.22		4.40 \pm 0.28		5.06 \pm 0.35
	HGB g/dL		5.9 \pm 0.5		12.5 \pm 0.7		15.5 \pm 0.9
	HCT %		19.7 \pm 2.5		41.1 \pm 3.0		51.4 \pm 3.5
	MCV fL		84.4 \pm 6.0		93.4 \pm 6.0		101.6 \pm 6.0
	MCH pg		25.3 \pm 3.0		28.4 \pm 3.0		30.6 \pm 3.0
	MCHC g/dL		30.0 \pm 3.5		30.4 \pm 3.5		30.2 \pm 3.5
	RDW-CV %		17.4 \pm 5.0		15.5 \pm 5.0		14.4 \pm 6.0
	RDW-SD fL		51.1 \pm 10.0		50.4 \pm 10.0		50.8 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		59 \pm 25		206 \pm 50		416 \pm 75
	MPV fL		11.1 \pm 3.0		10.2 \pm 3.0		10.8 \pm 3.0
	PDW		16.2 \pm 5.0		16.5 \pm 5.0		16.9 \pm 5.0
	PCT %		0.065 \pm 0.050		0.210 \pm 0.100		0.449 \pm 0.200
	P-LCR %		36.6 \pm 15.0		29.5 \pm 15.0		32.7 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		22 \pm 11		61 \pm 24		136 \pm 50

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