

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0724A



2024-09-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0724AL	LOT	MB0724AN	LOT	MB0724AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.76 \pm 0.80		7.78 \pm 1.00		21.07 \pm 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.16 \pm 0.70		3.91 \pm 1.20		11.84 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.94 \pm 0.50		2.80 \pm 1.00		6.70 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.13 \pm 0.17		0.38 \pm 0.45		0.93 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.48 \pm 0.30		0.58 \pm 0.54		1.31 \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%		57.2 \pm 16.0		50.2 \pm 16.0		56.2 \pm 16.0
	Lym%		25.1 \pm 12.0		36.0 \pm 12.0		31.8 \pm 12.0
	Mon%		3.5 \pm 4.7		4.9 \pm 5.9		4.4 \pm 7.5
	Eos%		12.8 \pm 7.0		7.5 \pm 7.0		6.2 \pm 6.0
	Bas%		1.4 \pm 1.0		1.4 \pm 1.0		1.4 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.28 \pm 0.22		4.25 \pm 0.28		5.09 \pm 0.35
	HGB g/dL		5.8 \pm 0.5		12.1 \pm 0.7		15.5 \pm 0.9
	HCT %		19.5 \pm 2.5		40.3 \pm 3.0		51.8 \pm 3.5
	MCV fL		85.4 \pm 6.0		94.9 \pm 6.0		101.8 \pm 6.0
	MCH pg		25.4 \pm 3.0		28.5 \pm 3.0		30.5 \pm 3.0
	MCHC g/dL		29.8 \pm 3.5		30.0 \pm 3.5		29.9 \pm 3.5
	RDW-CV %		18.1 \pm 5.0		15.2 \pm 5.0		14.3 \pm 6.0
	RDW-SD fL		56.2 \pm 10.0		52.7 \pm 10.0		53.0 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		56 \pm 25		214 \pm 50		400 \pm 75
	MPV fL		10.2 \pm 3.0		12.2 \pm 3.0		12.2 \pm 3.0
	PDW		16.1 \pm 5.0		16.9 \pm 5.0		16.7 \pm 5.0
	PCT %		0.057 \pm 0.050		0.261 \pm 0.100		0.488 \pm 0.200
	P-LCR %		28.0 \pm 15.0		42.0 \pm 15.0		42.7 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		16 \pm 11		90 \pm 24		171 \pm 50

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