

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0326A



2026-05-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0326AL	LOT	MB0326AN	LOT	MB0326AH
element HT5+	WBC $\times 10^3/\mu\text{L}$		3.71 \pm 0.80		8.05 \pm 1.00		21.72 \pm 2.50
QC Mode	Neu# $\times 10^3/\mu\text{L}$		2.17 \pm 0.70		4.24 \pm 1.20		12.24 \pm 2.08
	Lym# $\times 10^3/\mu\text{L}$		0.92 \pm 0.50		2.80 \pm 1.00		7.38 \pm 1.67
	Mon# $\times 10^3/\mu\text{L}$		0.13 \pm 0.17		0.39 \pm 0.45		1.00 \pm 1.56
	Eos# $\times 10^3/\mu\text{L}$		0.44 \pm 0.30		0.51 \pm 0.54		0.80 \pm 1.25
	Bas# $\times 10^3/\mu\text{L}$		0.05 \pm 0.10		0.11 \pm 0.10		0.30 \pm 0.29
	Neu%		58.4 \pm 16.0		52.7 \pm 16.0		56.3 \pm 16.0
	Lym%		24.9 \pm 12.0		34.8 \pm 12.0		34.0 \pm 12.0
	Mon%		3.5 \pm 4.7		4.8 \pm 5.9		4.6 \pm 7.5
	Eos%		11.8 \pm 7.0		6.3 \pm 7.0		3.7 \pm 6.0
	Bas%		1.4 \pm 1.0		1.4 \pm 1.0		1.4 \pm 1.5
	RBC $\times 10^6/\mu\text{L}$		2.27 \pm 0.22		4.24 \pm 0.28		5.19 \pm 0.35
	HGB g/dL		6.1 \pm 0.5		12.1 \pm 0.7		15.7 \pm 0.9
	HCT %		20.4 \pm 2.5		40.2 \pm 3.0		52.6 \pm 3.5
	MCV fL		89.7 \pm 6.0		94.7 \pm 6.0		101.4 \pm 6.0
	MCH pg		26.9 \pm 3.0		28.5 \pm 3.0		30.3 \pm 3.0
	MCHC g/dL		30.0 \pm 3.5		30.1 \pm 3.5		29.8 \pm 3.5
	RDW-CV %		17.3 \pm 5.0		15.0 \pm 5.0		14.3 \pm 6.0
	RDW-SD fL		57.2 \pm 10.0		52.4 \pm 10.0		53.0 \pm 12.0
	PLT $\times 10^3/\mu\text{L}$		61 \pm 25		201 \pm 50		410 \pm 75
	MPV fL		11.3 \pm 3.0		12.0 \pm 3.0		11.3 \pm 3.0
	PDW		16.4 \pm 5.0		16.9 \pm 5.0		16.5 \pm 5.0
	PCT %		0.069 \pm 0.050		0.241 \pm 0.100		0.463 \pm 0.200
	P-LCR %		38.0 \pm 15.0		39.9 \pm 15.0		36.2 \pm 15.0
	P-LCC $\times 10^3/\mu\text{L}$		23 \pm 11		80 \pm 24		148 \pm 50

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