

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0525A



2025-07-10

Instrument	Parameter	Low		Normal		High	
		LOT	MB0525AL	LOT	MB0525AN	LOT	MB0525AH
element HT5+ QC Mode	WBC ×10 ³ /μL	3.84	± 0.80	7.59	± 1.00	20.54	± 2.50
	Neu# ×10 ³ /μL	2.33	± 0.70	4.11	± 1.20	12.12	± 2.08
	Lym# ×10 ³ /μL	0.93	± 0.50	2.55	± 1.00	6.16	± 1.67
	Mon# ×10 ³ /μL	0.13	± 0.17	0.36	± 0.45	0.86	± 1.56
	Eos# ×10 ³ /μL	0.40	± 0.30	0.46	± 0.54	1.11	± 1.25
	Bas# ×10 ³ /μL	0.05	± 0.10	0.11	± 0.10	0.29	± 0.29
	Neu%	60.6	± 16.0	54.2	± 16.0	59.0	± 16.0
	Lym%	24.2	± 12.0	33.6	± 12.0	30.0	± 12.0
	Mon%	3.5	± 4.7	4.7	± 5.9	4.2	± 7.5
	Eos%	10.3	± 7.0	6.1	± 7.0	5.4	± 6.0
	Bas%	1.4	± 1.0	1.4	± 1.0	1.4	± 1.5
	RBC ×10 ⁶ /μL	2.26	± 0.22	4.29	± 0.28	5.13	± 0.35
	HGB g/dL	5.8	± 0.5	12.1	± 0.7	15.6	± 0.9
	HCT %	19.6	± 2.5	40.5	± 3.0	52.4	± 3.5
	MCV fL	86.9	± 6.0	94.3	± 6.0	102.2	± 6.0
	MCH pg	25.7	± 3.0	28.2	± 3.0	30.4	± 3.0
	MCHC g/dL	29.5	± 3.5	29.9	± 3.5	29.8	± 3.5
	RDW-CV %	18.2	± 5.0	15.3	± 5.0	14.1	± 6.0
	RDW-SD fL	57.6	± 10.0	52.8	± 10.0	52.6	± 12.0
	PLT ×10 ³ /μL	55	± 25	220	± 50	382	± 75
	MPV fL	12.8	± 3.0	11.8	± 3.0	13.3	± 3.0
	PDW	16.7	± 5.0	17.3	± 5.0	16.7	± 5.0
	PCT %	0.070	± 0.050	0.260	± 0.100	0.508	± 0.200
	P-LCR %	48.8	± 15.0	39.8	± 15.0	50.3	± 15.0
	P-LCC ×10 ³ /μL	27	± 11	88	± 24	192	± 50

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