

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5222

EXP. 2025-09-26

		LOW		NORMAL		HIGH	
MINDRAY BC-6800, BC-6600 QC Mode	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	3.80 ± 0.70	3.10 - 4.50	7.50 ± 1.00	6.50 - 8.50	19.90 ± 2.50	17.40 - 22.40
	Neu # (10 ⁹ /L)	2.66 ± 0.38	2.28 - 3.04	4.65 ± 0.60	4.05 - 5.25	14.23 ± 1.79	12.44 - 16.02
	Lym # (10 ⁹ /L)	0.38 ± 0.30	0.08 - 0.68	1.73 ± 0.53	1.20 - 2.26	2.79 ± 1.40	1.39 - 4.19
	Mon # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.26 ± 0.26	0.00 - 0.52	0.50 ± 0.50	0.00 - 1.00
	Eos # (10 ⁹ /L)	0.61 ± 0.38	0.23 - 0.99	0.75 ± 0.75	0.00 - 1.50	2.09 ± 1.59	0.50 - 3.68
	Bas # (10 ⁹ /L)	0.06 ± 0.20	-0.14 - 0.26	0.11 ± 0.37	-0.26 - 0.48	0.30 ± 1.00	-0.70 - 1.30
	Neu %	70.0 ± 10.0	60.0 - 80.0	62.0 ± 8.0	54.0 - 70.0	71.5 ± 9.0	62.5 - 80.5
	Lym %	10.0 ± 8.0	2.0 - 18.0	23.0 ± 7.0	16.0 - 30.0	14.0 ± 7.0	7.0 - 21.0
	Mon %	2.5 ± 2.5	0.0 - 5.0	3.5 ± 3.5	0.0 - 7.0	2.5 ± 2.5	0.0 - 5.0
	Eos %	16.0 ± 10.0	6.0 - 26.0	10.0 ± 10.0	0.0 - 20.0	10.5 ± 8.0	2.5 - 18.5
	Bas %	1.5 ± 5.0	-3.5 - 6.5	1.5 ± 5.0	-3.5 - 6.5	1.5 ± 5.0	-3.5 - 6.5
	RBC (10 ¹² /L)	2.25 ± 0.18	2.07 - 2.43	4.60 ± 0.24	4.36 - 4.84	5.70 ± 0.30	5.40 - 6.00
	HGB (g/dL)	5.9 ± 0.4	5.5 - 6.3	13.4 ± 0.6	12.8 - 14.0	17.7 ± 0.8	16.9 - 18.5
	HCT (%)	19.2 ± 2.0	17.2 - 21.2	42.8 ± 2.5	40.3 - 45.3	57.0 ± 3.0	54.0 - 60.0
	MCV (fL)	85.5 ± 5.0	80.5 - 90.5	93.0 ± 5.0	88.0 - 98.0	100.0 ± 5.0	95.0 - 105.0
	MCH (pg)	26.2 ± 2.5	23.7 - 28.7	29.1 ± 2.5	26.6 - 31.6	31.1 ± 2.5	28.6 - 33.6
	MCHC (g/dL)	30.7 ± 3.0	27.7 - 33.7	31.3 ± 3.0	28.3 - 34.3	31.1 ± 3.0	28.1 - 34.1
	RDW-CV (%)	16.5 ± 3.0	13.5 - 19.5	15.0 ± 3.0	12.0 - 18.0	14.5 ± 3.0	11.5 - 17.5
	RDW-SD (fL)	51.0 ± 6.0	45.0 - 57.0	50.0 ± 6.0	44.0 - 56.0	50.0 ± 8.0	42.0 - 58.0
	PLT (10 ⁹ /L)	48 ± 20	28 - 68	225 ± 40	185 - 265	450 ± 60	390 - 510
	MPV (fL)	9.4 ± 3.0	6.4 - 12.4	9.7 ± 3.0	6.7 - 12.7	10.2 ± 3.0	7.2 - 13.2
	PDW	17.0 ± 3.0	14.0 - 20.0	16.5 ± 3.0	13.5 - 19.5	17.0 ± 3.0	14.0 - 20.0
	PCT (%)	0.050 ± 0.050	0.000 - 0.100	0.225 ± 0.100	0.125 - 0.325	0.460 ± 0.200	0.260 - 0.660
	P-LCR (%)	26.0 ± 10.0	16.0 - 36.0	24.5 ± 10.0	14.5 - 34.5	27.5 ± 10.0	17.5 - 37.5
	P-LCC (10 ⁹ /L)	13 ± 8	5 - 21	55 ± 24	31 - 79	125 ± 50	75 - 175
	IMG # (10 ⁹ /L)	0.19 ± 0.19	0.00 - 0.38	0.38 ± 0.38	0.00 - 0.76	1.00 ± 1.00	0.00 - 2.00
	IMG%	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0
	IPF (%)	6.0 ± 6.0	0.0 - 12.0	5.5 ± 5.5	0.0 - 11.0	6.0 ± 6.0	0.0 - 12.0
	PLT-O (10 ⁹ /L)	48 ± 20	28 - 68	200 ± 40	160 - 240	395 ± 60	335 - 455