

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5217

EXP. 2025-07-26

		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)	4.10 ± 0.70	3.40 - 4.80	7.30 ± 1.00	6.30 - 8.30	20.25 ± 2.50	17.75 - 22.75
	Neu # (10 ⁹ /L)	2.83 ± 0.41	2.42 - 3.24	4.31 ± 0.58	3.73 - 4.89	14.07 ± 1.82	12.25 - 15.89
	Lym # (10 ⁹ /L)	0.51 ± 0.33	0.18 - 0.84	1.64 ± 0.51	1.13 - 2.15	3.34 ± 1.42	1.92 - 4.76
	Mon # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.26 ± 0.26	0.00 - 0.52	0.61 ± 0.61	0.00 - 1.22
	Eos # (10 ⁹ /L)	0.59 ± 0.41	0.18 - 1.00	0.99 ± 0.77	0.22 - 1.76	1.92 ± 1.62	0.30 - 3.54
	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 %	69.0 ± 10.0	59.0 - 79.0	59.0 ± 8.0	51.0 - 67.0	69.5 ± 9.0	60.5 - 78.5
	Lym %	12.5 ± 8.0	4.5 - 20.5	22.5 ± 7.0	15.5 - 29.5	16.5 ± 7.0	9.5 - 23.5
	Mon %	2.5 ± 2.5	0.0 - 5.0	3.5 ± 3.5	0.0 - 7.0	3.0 ± 3.0	0.0 - 6.0
	Eos %	14.5 ± 10.0	4.5 - 24.5	13.5 ± 10.5	3.0 - 24.0	9.5 ± 8.0	1.5 - 17.5
	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)	2.20 ± 0.18	2.02 - 2.38	4.75 ± 0.24	4.51 - 4.99	5.65 ± 0.30	5.35 - 5.95
	HGB (g/dL)	5.9 ± 0.4	5.5 - 6.3	13.4 ± 0.6	12.8 - 14.0	17.5 ± 0.8	16.7 - 18.3
	HCT (%)	19.4 ± 2.0	17.4 - 21.4	42.5 ± 2.5	40.0 - 45.0	55.7 ± 3.0	52.7 - 58.7
	MCV (fL)	88.0 ± 5.0	83.0 - 93.0	89.5 ± 5.0	84.5 - 94.5	98.5 ± 5.0	93.5 - 103.5
	MCH (pg)	26.8 ± 2.5	24.3 - 29.3	28.2 ± 2.5	25.7 - 30.7	31.0 ± 2.5	28.5 - 33.5
	MCHC (g/dL)	30.5 ± 3.0	27.5 - 33.5	31.5 ± 3.0	28.5 - 34.5	31.4 ± 3.0	28.4 - 34.4
	RDW-CV (%)	17.0 ± 3.0	14.0 - 20.0	16.5 ± 3.0	13.5 - 19.5	15.0 ± 3.0	12.0 - 18.0
	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)	45 ± 20	25 - 65	225 ± 40	185 - 265	445 ± 60	385 - 505
	MPV (fL)	9.0 ± 3.0	6.0 - 12.0	9.5 ± 3.0	6.5 - 12.5	10.0 ± 3.0	7.0 - 13.0
	PDW	15.5 ± 3.0	12.5 - 18.5	16.5 ± 3.0	13.5 - 19.5	16.5 ± 3.0	13.5 - 19.5
	PCT (%)	0.040 ± 0.040	0.000 - 0.080	0.210 ± 0.100	0.110 - 0.310	0.450 ± 0.200	0.250 - 0.650
	P-LCR (%)	22.0 ± 10.0	12.0 - 32.0	24.0 ± 10.0	14.0 - 34.0	27.0 ± 10.0	17.0 - 37.0
	P-LCC (10 ⁹ /L)	10 ± 8	2 - 18	55 ± 24	31 - 79	120 ± 50	70 - 170
	IMG # (10 ⁹ /L)	0.21 ± 0.21	0.00 - 0.42	0.37 ± 0.37	0.00 - 0.74	1.01 ± 1.01	0.00 - 2.02
	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	5.0 ± 5.0	0.0 - 10.0	6.0 ± 6.0	0.0 - 12.0
	PLT-O (10 ⁹ /L)	45 ± 20	25 - 65	215 ± 40	175 - 255	405 ± 60	345 - 465