

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5226

EXP. 2025-11-26

		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)	3.95 ± 0.70	3.25 - 4.65	7.80 ± 1.00	6.80 - 8.80	20.00 ± 2.50	17.50 - 22.50
	Neu # (10 ⁹ /L)	2.61 ± 0.40	2.21 - 3.01	4.64 ± 0.62	4.02 - 5.26	13.50 ± 1.80	11.70 - 15.30
	Lym # (10 ⁹ /L)	0.43 ± 0.31	0.12 - 0.74	1.72 ± 0.55	1.17 - 2.27	3.80 ± 1.40	2.40 - 5.20
	Mon # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.23 ± 0.23	0.00 - 0.46	0.60 ± 0.60	0.00 - 1.20
	Eos # (10 ⁹ /L)	0.75 ± 0.39	0.36 - 1.14	1.09 ± 0.82	0.27 - 1.91	1.80 ± 1.60	0.20 - 3.40
	Bas # (10 ⁹ /L)	0.06 ± 0.20	-0.14 - 0.26	0.12 ± 0.40	-0.28 - 0.52	0.30 ± 1.00	-0.70 - 1.30
	Neu %	66.0 ± 10.0	56.0 - 76.0	59.5 ± 8.0	51.5 - 67.5	67.5 ± 9.0	58.5 - 76.5
	Lym %	11.0 ± 8.0	3.0 - 19.0	22.0 ± 7.0	15.0 - 29.0	19.0 ± 7.0	12.0 - 26.0
	Mon %	2.5 ± 2.5	0.0 - 5.0	3.0 ± 3.0	0.0 - 6.0	3.0 ± 3.0	0.0 - 6.0
	Eos %	19.0 ± 10.0	9.0 - 29.0	14.0 ± 10.5	3.5 - 24.5	9.0 ± 8.0	1.0 - 17.0
	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)	2.24 ± 0.18	2.06 - 2.42	4.57 ± 0.24	4.33 - 4.81	5.71 ± 0.30	5.41 - 6.01
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.3 ± 0.6	12.7 - 13.9	17.6 ± 0.8	16.8 - 18.4
	HCT (%)	19.4 ± 2.0	17.4 - 21.4	42.3 ± 2.5	39.8 - 44.8	56.5 ± 3.0	53.5 - 59.5
	MCV (fL)	86.5 ± 5.0	81.5 - 91.5	92.5 ± 5.0	87.5 - 97.5	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	26.8 ± 2.5	24.3 - 29.3	29.1 ± 2.5	26.6 - 31.6	30.8 ± 2.5	28.3 - 33.3
	MCHC (g/dL)	31.0 ± 3.0	28.0 - 34.0	31.5 ± 3.0	28.5 - 34.5	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)	49.5 ± 6.0	43.5 - 55.5	51.0 ± 6.0	45.0 - 57.0	52.0 ± 8.0	44.0 - 60.0
	PLT (10 ⁹ /L)	43 ± 20	23 - 63	222 ± 40	182 - 262	445 ± 60	385 - 505
	MPV (fL)	9.3 ± 3.0	6.3 - 12.3	9.5 ± 3.0	6.5 - 12.5	9.8 ± 3.0	6.8 - 12.8
	PDW	16.5 ± 3.0	13.5 - 19.5	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	0.210 ± 0.100	0.110 - 0.310	0.436 ± 0.200	0.236 - 0.636
	P-LCR (%)	25.5 ± 10.0	15.5 - 35.5	24.5 ± 10.0	14.5 - 34.5	26.0 ± 10.0	16.0 - 36.0
	P-LCC (10 ⁹ /L)	11 ± 8	3 - 19	55 ± 24	31 - 79	115 ± 50	65 - 165
	IMG # (10 ⁹ /L)	0.20 ± 0.20	0.00 - 0.40	0.39 ± 0.39	0.00 - 0.78	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	6.0 ± 6.0	0.0 - 12.0	6.0 ± 6.0	0.0 - 12.0
	PLT-O (10 ⁹ /L)	41 ± 20	21 - 61	226 ± 40	186 - 266	416 ± 60	356 - 476