

HC5D-B
(Cat No.1502)

HEMATOLOGY CONTROLS
CONTROL

E5222
EXP. 2025-09-26

		LOW		NORMAL		HIGH	
MINDRAY BC-7300 QC Mode	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	3.75 ± 1.20	2.55 - 4.95	7.60 ± 1.80	5.80 - 9.40	20.20 ± 3.00	17.20 - 23.20
	RBC (10 ¹² /L)	2.20 ± 0.15	2.05 - 2.35	4.59 ± 0.24	4.35 - 4.83	5.73 ± 0.30	5.43 - 6.03
	HGB (g/dL)	5.8 ± 0.4	5.4 - 6.2	13.2 ± 0.6	12.6 - 13.8	17.5 ± 0.7	16.8 - 18.2
	HCT (%)	17.7 ± 2.0	15.7 - 19.7	40.9 ± 2.5	38.4 - 43.4	55.0 ± 3.0	52.0 - 58.0
	MCV (fL)	80.5 ± 5.0	75.5 - 85.5	89.0 ± 5.0	84.0 - 94.0	96.0 ± 5.0	91.0 - 101.0
	MCH (pg)	26.3 ± 2.5	23.8 - 28.8	28.7 ± 2.5	26.2 - 31.2	30.4 ± 2.5	27.9 - 32.9
	MCHC (g/dL)	32.7 ± 3.0	29.7 - 35.7	32.3 ± 3.0	29.3 - 35.3	31.8 ± 3.0	28.8 - 34.8
	RDW-SD (fL)	53.9 ± 10.0	43.9 - 63.9	51.9 ± 10.0	41.9 - 61.9	52.3 ± 10.0	42.3 - 62.3
	RDW-CV (%)	18.5 ± 5.0	13.5 - 23.5	16.3 ± 5.0	11.3 - 21.3	15.3 ± 5.0	10.3 - 20.3
	PLT (10 ⁹ /L)	50 ± 25	25 - 75	227 ± 40	187 - 267	435 ± 65	370 - 500
	MPV (fL)	9.2 ± 3.0	6.2 - 12.2	9.5 ± 3.0	6.5 - 12.5	10.1 ± 3.0	7.1 - 13.1
	NEUT # (10 ⁹ /L)	2.63 ± 0.50	2.13 - 3.13	4.59 ± 1.00	3.59 - 5.59	13.94 ± 2.51	11.43 - 16.45
	LYMPH # (10 ⁹ /L)	0.41 ± 0.37	0.04 - 0.78	1.75 ± 0.79	0.96 - 2.54	3.03 ± 2.10	0.93 - 5.13
	MONO # (10 ⁹ /L)	0.09 ± 0.08	0.01 - 0.17	0.27 ± 0.19	0.08 - 0.46	0.61 ± 0.51	0.10 - 1.12
	EO # (10 ⁹ /L)	0.56 ± 0.29	0.27 - 0.85	0.87 ± 0.56	0.31 - 1.43	2.32 ± 1.47	0.85 - 3.79
	BASO # (10 ⁹ /L)	0.06 ± 0.06	0.00 - 0.12	0.11 ± 0.11	0.00 - 0.22	0.30 ± 0.30	0.00 - 0.60
	NEUT%	70.0 ± 12.0	58.0 - 82.0	60.5 ± 12.0	48.5 - 72.5	69.0 ± 12.0	57.0 - 81.0
	LYMPH%	11.0 ± 9.0	2.0 - 20.0	23.0 ± 10.0	13.0 - 33.0	15.0 ± 10.0	5.0 - 25.0
	MONO%	2.5 ± 2.0	0.5 - 4.5	3.5 ± 2.5	1.0 - 6.0	3.0 ± 2.5	0.5 - 5.5
	EO%	15.0 ± 7.0	8.0 - 22.0	11.5 ± 7.0	4.5 - 18.5	11.5 ± 7.0	4.5 - 18.5
	BASO%	1.5 ± 1.5	0.00 - 3.0	1.5 ± 1.5	0.00 - 3.0	1.5 ± 1.5	0.00 - 3.0