

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5213-02
EXP. 2025-05-16

		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)	4.10 ± 1.20	2.90 - 5.20	8.34 ± 1.80	6.54 - 10.14	22.00 ± 3.00	19.00 - 25.00
	RBC (10 ¹² /L)	2.36 ± 0.15	2.21 - 2.51	4.64 ± 0.24	4.40 - 4.88	5.69 ± 0.30	5.39 - 5.99
	HGB (g/dL)	6.1 ± 0.4	5.7 - 6.5	13.4 ± 0.6	12.8 - 14.0	17.6 ± 0.7	16.9 - 18.3
	HCT (%)	18.8 ± 2.0	16.8 - 20.8	42.1 ± 2.5	39.6 - 44.6	55.9 ± 3.0	52.9 - 58.9
	MCV (fL)	80.5 ± 5.0	75.5 - 85.5	92.0 ± 5.0	87.0 - 97.0	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	25.7 ± 2.5	23.2 - 28.2	28.9 ± 2.5	26.4 - 31.4	30.9 ± 2.5	28.4 - 33.4
	MCHC (g/dL)	32.2 ± 3.0	29.2 - 35.2	31.8 ± 3.0	28.8 - 34.8	31.6 ± 3.0	28.6 - 34.6
	RDW-SD (fL)	52.1 ± 10.0	42.1 - 62.1	50.9 ± 10.0	40.9 - 60.9	51.7 ± 10.0	41.7 - 61.7
	RDW-CV (%)	18.1 ± 5.0	13.1 - 23.1	15.6 ± 5.0	10.6 - 20.6	14.7 ± 5.0	9.7 - 19.7
	PLT (10 ⁹ /L)	53 ± 25	28 - 78	224 ± 40	184 - 264	430 ± 65	365 - 495
	MPV (fL)	9.1 ± 3.0	6.1 - 12.1	8.6 ± 3.0	5.6 - 11.6	9.8 ± 3.0	6.8 - 12.8
	NEUT # (10 ⁹ /L)	2.83 ± 0.50	2.33 - 3.33	4.88 ± 1.00	3.88 - 5.88	15.51 ± 2.51	13.00 - 18.02
	LYMPH # (10 ⁹ /L)	0.45 ± 0.37	0.08 - 0.82	2.09 ± 0.79	1.30 - 2.88	3.63 ± 2.10	1.53 - 5.73
	MONO # (10 ⁹ /L)	0.08 ± 0.08	0.00 - 0.16	0.29 ± 0.19	0.10 - 0.48	0.55 ± 0.51	0.04 - 1.06
	EO # (10 ⁹ /L)	0.68 ± 0.29	0.39 - 0.97	0.96 ± 0.56	0.40 - 1.52	1.98 ± 1.47	0.51 - 3.45
	BASO # (10 ⁹ /L)	0.06 ± 0.06	0.00 - 0.12	0.13 ± 0.13	0.00 - 0.26	0.33 ± 0.33	0.00 - 0.66
	NEUT%	69.0 ± 12.0	54.0 - 81.0	58.5 ± 12.0	46.5 - 70.5	70.5 ± 12.0	58.5 - 82.5
	LYMPH%	11.0 ± 9.0	2.0 - 21.0	25.0 ± 10.0	15.0 - 35.0	16.5 ± 10.0	6.5 - 26.5
	MONO%	2.0 ± 2.0	0.0 - 4.0	3.5 ± 2.5	1.0 - 6.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.5 ± 7.0	9.5 - 23.5	11.5 ± 7.0	4.5 - 18.5	9.0 ± 7.0	4.0 - 16.0
	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