

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5217

EXP. 2025-07-26

		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)	4.21 ± 1.20	3.01 - 5.41	7.95 ± 1.80	6.15 - 9.75	21.50 ± 3.00	18.50 - 24.50
	RBC (10 ¹² /L)	2.18 ± 0.15	2.03 - 2.33	4.65 ± 0.24	4.41 - 4.89	5.64 ± 0.30	5.34 - 5.94
	HGB (g/dL)	5.9 ± 0.4	5.5 - 6.3	13.3 ± 0.6	12.7 - 13.9	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	18.4 ± 2.0	16.4 - 20.4	40.9 ± 2.5	38.4 - 43.4	54.7 ± 3.0	51.7 - 57.7
	MCV (fL)	84.5 ± 5.0	79.5 - 89.5	88.0 ± 5.0	83.0 - 93.0	97.0 ± 5.0	94.0 - 104.0
	MCH (pg)	27.1 ± 2.5	24.6 - 29.6	28.6 ± 2.5	26.1 - 31.1	31.4 ± 2.5	28.9 - 33.9
	MCHC (g/dL)	32.1 ± 3.0	29.1 - 35.1	32.5 ± 3.0	29.5 - 35.5	32.4 ± 3.0	29.4 - 35.4
	RDW-SD (fL)	58.4 ± 10.0	48.4 - 68.4	53.3 ± 10.0	43.3 - 63.3	52.4 ± 10.0	42.4 - 62.4
	RDW-CV (%)	19.0 ± 5.0	14.0 - 24.0	16.9 ± 5.0	11.9 - 21.9	15.1 ± 5.0	10.1 - 20.1
	PLT (10 ⁹ /L)	45 ± 25	20 - 70	220 ± 40	180 - 260	450 ± 65	385 - 515
	MPV (fL)	9.0 ± 3.0	6.0 - 12.0	9.3 ± 3.0	6.3 - 12.3	10.0 ± 3.0	7.0 - 13.0
	NEUT # (10 ⁹ /L)	2.90 ± 0.50	2.40 - 3.40	4.77 ± 1.00	3.77 - 5.77	15.16 ± 2.51	12.65 - 17.67
	LYMPH # (10 ⁹ /L)	0.53 ± 0.37	0.16 - 0.90	1.71 ± 0.79	0.92 - 2.50	3.44 ± 2.10	1.34 - 5.54
	MONO # (10 ⁹ /L)	0.11 ± 0.08	0.03 - 0.19	0.28 ± 0.19	0.09 - 0.47	0.65 ± 0.51	0.14 - 1.16
	EO # (10 ⁹ /L)	0.61 ± 0.29	0.32 - 0.90	1.07 ± 0.56	0.51 - 1.63	1.94 ± 1.47	0.47 - 3.41
	BASO # (10 ⁹ /L)	0.06 ± 0.06	0.00 - 0.12	0.12 ± 0.12	0.00 - 0.24	0.32 ± 0.32	0.00 - 0.64
	NEUT%	69.0 ± 12.0	57.0 - 81.0	60.0 ± 12.0	48.0 - 72.0	70.5 ± 12.0	58.5 - 82.5
	LYMPH%	12.5 ± 9.0	3.5 - 21.5	21.5 ± 10.0	11.5 - 31.5	16.0 ± 10.0	6.0 - 26.0
	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%	14.5 ± 7.0	7.5 - 21.5	13.5 ± 7.0	6.5 - 20.5	9.0 ± 7.0	2.0 - 15.0
	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