

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5213-02
EXP. 2025-05-16

		LOW		NORMAL		HIGH	
Sysmex XS-1000i (Manual Sampling)	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 /L)	3.98 ± 1.20	2.78 - 5.18	7.77 ± 1.80	5.97 - 9.57	20.68 ± 3.00	17.68 - 23.68
	RBC (10 ¹² /L)	2.33 ± 0.15	2.18 - 2.48	4.58 ± 0.24	4.34 - 4.82	5.61 ± 0.30	5.31 - 5.91
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.4 ± 0.6	12.8 - 14.0	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	19.2 ± 2.0	17.2 - 21.2	42.4 ± 2.5	39.9 - 44.9	55.5 ± 3.0	52.5 - 58.5
	MCV (fL)	82.5 ± 5.0	77.5 - 87.5	92.5 ± 5.0	87.5 - 97.5	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	25.7 ± 2.5	23.2 - 28.2	29.3 ± 2.5	26.8 - 31.8	31.6 ± 2.5	29.1 - 34.1
	MCHC (g/dL)	31.3 ± 3.0	28.3 - 34.3	31.6 ± 3.0	28.6 - 34.6	31.9 ± 3.0	28.9 - 34.9
	RDW-SD (fL)	45.9 ± 10.0	35.9 - 55.9	50.2 ± 10.0	40.2 - 60.2	50.4 ± 10.0	40.4 - 60.4
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	15.5 ± 5.0	10.5 - 20.5	15.1 ± 5.0	10.1 - 20.1
	PLT (10 ⁹ /L)	55 ± 25	30 - 80	200 ± 40	160 - 240	375 ± 65	310 - 440
	MPV (fL)	8.8 ± 3.0	5.8 - 11.8	8.9 ± 3.0	5.9 - 11.9	9.9 ± 3.0	6.9 - 12.9
	NEUT # (10 ⁹ /L)	2.45 ± 0.50	1.95 - 2.95	3.69 ± 1.00	2.69 - 4.69	11.68 ± 2.52	9.16 - 14.20
	LYMPH # (10 ⁹ /L)	0.42 ± 0.37	0.05 - 0.79	2.33 ± 0.79	1.54 - 3.12	3.62 ± 2.10	1.52 - 5.72
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.19 ± 0.19	0.00 - 0.38	0.41 ± 0.41	0.00 - 0.82
	EO # (10 ⁹ /L)	0.62 ± 0.29	0.33 - 0.91	0.97 ± 0.56	0.41 - 1.53	3.00 ± 1.47	1.53 - 4.47
	BASO # (10 ⁹ /L)	0.40 ± 0.40	0.00 - 0.80	0.58 ± 0.58	0.00 - 1.16	1.96 ± 1.96	0.00 - 3.92
	NEUT%	61.5 ± 12.0	49.5 - 73.5	47.5 ± 12.0	35.5 - 59.5	56.5 ± 12.0	44.5 - 68.5
	LYMPH%	10.5 ± 9.0	1.5 - 19.5	30.0 ± 10.0	20.0 - 40.0	17.5 ± 10.0	7.5 - 27.5
	MONO%	2.5 ± 2.5	0.0 - 5.0	2.5 ± 2.5	0.0 - 5.0	2.0 ± 2.0	0.0 - 4.0
	EO%	15.5 ± 7.0	8.5 - 22.5	12.5 ± 7.0	5.5 - 19.5	14.5 ± 7.0	7.5 - 21.5
	BASO%	10.0 ± 10.0	0.00 - 20.0	7.5 ± 7.5	0.00 - 15.0	9.5 ± 9.5	0.00 - 19.0