

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5222

EXP. 2025-09-26

		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)	3.65 ± 1.20	2.45 - 4.85	7.60 ± 1.80	5.80 - 9.40	20.35 ± 3.00	17.35 - 23.35
	RBC (10 ¹² /L)	2.21 ± 0.15	2.06 - 2.36	4.60 ± 0.24	4.36 - 4.84	5.69 ± 0.30	5.39 - 5.99
	HGB (g/dL)	5.8 ± 0.4	5.4 - 6.2	13.2 ± 0.6	12.6 - 13.8	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	17.6 ± 2.0	15.6 - 19.6	39.1 ± 2.5	36.6 - 41.6	51.7 ± 3.0	48.7 - 54.7
	MCV (fL)	80.0 ± 5.0	75.0 - 85.0	85.0 ± 5.0	80.0 - 90.0	91.0 ± 5.0	86.0 - 96.0
	MCH (pg)	26.2 ± 2.5	23.7 - 28.7	28.7 ± 2.5	26.2 - 31.2	31.2 ± 2.5	28.7 - 33.7
	MCHC (g/dL)	32.9 ± 3.0	29.9 - 35.9	33.8 ± 3.0	30.8 - 36.8	34.3 ± 3.0	31.3 - 37.3
	RDW-SD (fL)	46.5 ± 10.0	36.5 - 56.5	46.9 ± 10.0	36.9 - 56.9	48.9 ± 10.0	38.9 - 58.9
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	15.7 ± 5.0	10.7 - 20.7	16.1 ± 5.0	11.1 - 21.1
	PLT (10 ⁹ /L)	50 ± 25	25 - 75	210 ± 40	170 - 250	390 ± 65	335 - 455
	MPV (fL)	9.1 ± 3.0	6.1 - 12.1	9.5 ± 3.0	6.5 - 12.5	10.1 ± 3.0	7.1 - 13.1
	NEUT # (10 ⁹ /L)	2.08 ± 0.50	1.58 - 2.58	3.80 ± 1.00	2.80 - 4.80	11.19 ± 2.52	8.67 - 13.71
	LYMPH # (10 ⁹ /L)	0.55 ± 0.37	0.18 - 0.92	1.98 ± 0.79	1.19 - 2.77	3.97 ± 2.10	1.87 - 6.07
	MONO # (10 ⁹ /L)	0.07 ± 0.07	0.00 - 0.14	0.23 ± 0.23	0.00 - 0.46	0.51 ± 0.51	0.00 - 1.02
	EO # (10 ⁹ /L)	0.58 ± 0.29	0.29 - 0.87	0.99 ± 0.56	0.43 - 1.55	2.85 ± 1.47	1.38 - 4.32
	BASO # (10 ⁹ /L)	0.37 ± 0.37	0.00 - 0.74	0.61 ± 0.61	0.00 - 1.22	1.83 ± 1.83	0.00 - 3.66
	NEUT%	57.0 ± 12.0	45.0 - 69.0	50.0 ± 12.0	38.0 - 62.0	55.0 ± 12.0	43.0 - 67.0
	LYMPH%	15.0 ± 9.0	6.0 - 24.0	26.0 ± 10.0	16.0 - 36.0	19.5 ± 10.0	9.5 - 29.5
	MONO%	2.0 ± 2.0	0.0 - 4.0	3.0 ± 3.0	0.0 - 6.0	2.0 ± 2.0	0.0 - 4.0
	EO%	16.0 ± 7.0	9.0 - 23.0	13.0 ± 7.0	6.0 - 20.0	14.0 ± 7.0	7.0 - 21.0
	BASO%	10.0 ± 10.0	0.00 - 20.0	8.0 ± 7.5	0.50 - 15.5	9.0 ± 9.0	0.00 - 18.0