

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5217

EXP. 2025-07-26

		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)	3.95 ± 1.20	2.75 - 5.15	7.65 ± 1.80	5.85 - 9.45	20.55 ± 3.00	17.55 - 23.55
	RBC (10 ¹² /L)	2.14 ± 0.15	1.99 - 2.29	4.68 ± 0.24	4.44 - 4.92	5.63 ± 0.30	5.33 - 5.93
	HGB (g/dL)	5.8 ± 0.4	5.4 - 6.2	13.3 ± 0.6	12.7 - 13.9	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	17.8 ± 2.0	15.8 - 19.8	39.5 ± 2.5	37.0 - 42.0	52.4 ± 3.0	49.4 - 55.4
	MCV (fL)	83.0 ± 5.0	78.0 - 88.0	84.5 ± 5.0	79.5 - 89.5	93.0 ± 5.0	88.0 - 98.0
	MCH (pg)	27.1 ± 2.5	24.6 - 29.6	28.4 ± 2.5	25.9 - 30.9	31.4 ± 2.5	28.9 - 33.9
	MCHC (g/dL)	32.6 ± 3.0	29.6 - 35.6	33.7 ± 3.0	30.7 - 36.7	33.8 ± 3.0	30.8 - 36.8
	RDW-SD (fL)	51.0 ± 10.0	41.0 - 61.0	48.5 ± 10.0	38.5 - 58.5	49.7 ± 10.0	39.7 - 59.7
	RDW-CV (%)	17.4 ± 5.0	12.4 - 22.4	16.7 ± 5.0	11.7 - 21.7	16.2 ± 5.0	11.2 - 21.2
	PLT (10 ⁹ /L)	45 ± 25	20 - 70	205 ± 40	165 - 245	400 ± 65	335 - 465
	MPV (fL)	8.6 ± 3.0	5.6 - 11.6	9.4 ± 3.0	6.4 - 12.4	10.0 ± 3.0	7.0 - 13.0
	NEUT # (10 ⁹ /L)	2.29 ± 0.50	1.79 - 2.79	3.83 ± 1.00	2.83 - 4.83	11.41 ± 2.52	8.89 - 13.93
	LYMPH # (10 ⁹ /L)	0.57 ± 0.37	0.20 - 0.94	1.99 ± 0.79	1.20 - 2.78	3.90 ± 2.10	1.80 - 6.00
	MONO # (10 ⁹ /L)	0.08 ± 0.08	0.00 - 0.16	0.19 ± 0.19	0.00 - 0.38	0.41 ± 0.41	0.00 - 0.82
	EO # (10 ⁹ /L)	0.63 ± 0.29	0.34 - 0.92	1.03 ± 0.56	0.47 - 1.59	2.98 ± 1.47	1.51 - 4.45
	BASO # (10 ⁹ /L)	0.38 ± 0.38	0.00 - 0.76	0.61 ± 0.61	0.00 - 1.22	1.85 ± 1.85	0.00 - 3.70
	NEUT%	58.0 ± 12.0	46.0 - 70.0	50.0 ± 12.0	38.0 - 62.0	55.5 ± 12.0	43.5 - 67.5
	LYMPH%	14.5 ± 9.0	5.5 - 23.5	26.0 ± 10.0	16.0 - 36.0	19.0 ± 10.0	9.0 - 29.0
	MONO%	2.0 ± 2.0	0.0 - 4.0	2.5 ± 2.5	0.0 - 5.0	2.0 ± 2.0	0.0 - 4.0
	EO%	16.0 ± 7.0	9.0 - 23.0	13.5 ± 7.0	6.5 - 20.5	14.5 ± 7.0	7.5 - 21.5
	BASO%	9.5 ± 9.5	0.00 - 19.0	8.0 ± 7.5	0.50 - 15.5	9.0 ± 9.0	0.00 - 18.0