

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5226

EXP. 2025-11-26

		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)	3.70 ± 1.20	2.50 - 4.90	7.50 ± 1.80	5.70 - 9.30	20.50 ± 3.00	17.50 - 23.50
	RBC (10 ¹² /L)	2.25 ± 0.15	2.10 - 2.40	4.61 ± 0.24	4.37 - 4.85	5.79 ± 0.30	5.49 - 6.09
	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 (%)	18.4 ± 2.0	16.4 - 20.4	40.1 ± 2.5	37.6 - 42.6	53.9 ± 3.0	50.9 - 56.9
	MCV (fL)	82.0 ± 5.0	77.0 - 87.0	87.0 ± 5.0	82.0 - 92.0	93.0 ± 5.0	88.0 - 98.0
	MCH (pg)	25.9 ± 2.5	23.2 - 28.4	28.6 ± 2.5	26.1 - 31.1	30.6 ± 2.5	28.1 - 33.1
	MCHC (g/dL)	31.7 ± 3.0	28.7 - 34.7	32.8 ± 3.0	29.8 - 35.8	32.9 ± 3.0	29.9 - 35.9
	RDW-SD (fL)	48.7 ± 10.0	38.7 - 58.7	48.3 ± 10.0	38.3 - 58.3	50.4 ± 10.0	40.4 - 60.4
	RDW-CV (%)	16.8 ± 5.0	11.8 - 21.8	15.7 ± 5.0	10.7 - 20.7	16.1 ± 5.0	11.1 - 21.1
	PLT (10 ⁹ /L)	45 ± 25	20 - 70	205 ± 40	165 - 245	385 ± 65	320 - 450
	MPV (fL)	8.9 ± 3.0	6.9 - 11.9	9.7 ± 3.0	6.7 - 12.5	10.1 ± 3.0	7.1 - 13.1
	NEUT # (10 ⁹ /L)	2.28 ± 0.50	1.78 - 2.78	3.75 ± 1.00	2.75 - 4.75	11.17 ± 2.52	8.65 - 13.79
	LYMPH # (10 ⁹ /L)	0.43 ± 0.37	0.06 - 0.80	1.99 ± 0.79	1.20 - 2.78	4.10 ± 2.10	2.00 - 6.20
	MONO # (10 ⁹ /L)	0.09 ± 0.09	0.00 - 0.18	0.19 ± 0.19	0.00 - 0.38	0.51 ± 0.51	0.00 - 1.02
	EO # (10 ⁹ /L)	0.59 ± 0.29	0.30 - 0.88	1.01 ± 0.56	0.45 - 1.57	2.87 ± 1.47	1.40 - 4.34
	BASO # (10 ⁹ /L)	0.31 ± 0.31	0.00 - 0.62	0.56 ± 0.56	0.00 - 1.12	1.85 ± 1.85	0.00 - 3.70
	NEUT%	61.5 ± 12.0	49.5 - 73.5	50.0 ± 12.0	38.0 - 62.0	54.5 ± 12.0	42.5 - 66.5
	LYMPH%	11.5 ± 9.0	2.5 - 20.5	26.5 ± 10.0	16.5 - 36.5	20.0 ± 10.0	10.0 - 30.0
	MONO%	2.5 ± 2.5	0.0 - 4.0	2.5 ± 2.5	0.0 - 5.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.0 ± 7.0	9.0 - 23.0	13.5 ± 7.0	6.5 - 20.5	14.0 ± 7.0	7.0 - 21.0
	BASO%	8.5 ± 8.5	0.00 - 20.0	7.5 ± 7.5	0.00 - 15.0	9.0 ± 9.0	0.00 - 18.0