

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5217

EXP. 2025-07-26

		LOW		NORMAL		HIGH	
Sysmex XN Series	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	4.05 ± 1.20	2.85 - 5.25	7.65 ± 1.80	5.85 - 9.45	20.50 ± 3.00	17.50 - 23.50
	WBC-D (10 ⁹ /L)	3.85 ± 1.20	2.65 - 5.05	7.20 ± 1.80	5.40 - 9.00	20.15 ± 3.00	17.15 - 23.15
	RBC (10 ¹² /L)	2.12 ± 0.15	1.97 - 2.27	4.75 ± 0.24	4.51 - 4.99	5.65 ± 0.30	5.35 - 5.95
	HGB (g/dL)	5.8 ± 0.4	5.4 - 6.2	13.3 ± 0.6	12.7 - 13.9	17.5 ± 0.7	16.8 - 18.2
	HCT (%)	17.6 ± 2.0	15.6 - 19.6	40.4 ± 2.5	37.9 - 42.9	52.5 ± 3.0	49.5 - 55.5
	MCV (fL)	83.0 ± 5.0	78.0 - 88.0	85.0 ± 5.0	80.0 - 90.0	93.0 ± 5.0	88.0 - 98.0
	MCH (pg)	27.4 ± 2.5	24.9 - 29.9	28.0 ± 2.5	25.5 - 30.5	31.0 ± 2.5	28.5 - 33.5
	MCHC (g/dL)	33.0 ± 3.0	30.0 - 36.0	32.9 ± 3.0	29.9 - 35.9	33.3 ± 3.0	30.3 - 36.3
	RDW-SD (fL)	48.5 ± 10.0	38.5 - 58.5	47.0 ± 10.0	37.0 - 57.0	47.0 ± 10.0	37.0 - 57.0
	RDW-CV (%)	17.5 ± 5.0	12.5 - 22.5	16.0 ± 5.0	11.0 - 21.0	15.0 ± 5.0	10.0 - 20.0
	PLT (10 ⁹ /L)	40 ± 20	20 - 60	205 ± 40	165 - 245	415 ± 65	350 - 480
	MPV (fL)	9.6 ± 3.0	6.6 - 12.6	9.5 ± 3.0	6.5 - 12.5	9.5 ± 3.0	6.5 - 12.5
	NEUT # (10 ⁹ /L)	2.51 ± 0.49	2.02 - 3.00	4.05 ± 0.76	3.29 - 4.81	11.89 ± 2.46	9.43 - 14.35
	LYMPH # (10 ⁹ /L)	0.59 ± 0.41	0.18 - 1.00	1.95 ± 0.76	1.19 - 2.71	3.90 ± 2.05	1.85 - 5.95
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.19 ± 0.19	0.00 - 0.38	0.62 ± 0.62	0.00 - 1.24
	EO # (10 ⁹ /L)	0.65 ± 0.28	0.37 - 0.93	1.07 ± 0.54	0.53 - 1.61	3.08 ± 1.44	1.64 - 4.52
	BASO # (10 ⁹ /L)	0.20 ± 0.20	0.00 - 0.40	0.38 ± 0.38	0.00 - 0.76	1.03 ± 1.03	0.00 - 2.06
	NEUT%	62.0 ± 12.0	50.0 - 74.0	53.0 ± 10.0	43.0 - 63.0	58.0 ± 12.0	46.0 - 70.0
	LYMPH%	14.5 ± 10.0	4.5 - 24.5	25.5 ± 10.0	15.5 - 35.5	19.0 ± 10.0	9.0 - 29.0
	MONO%	2.5 ± 2.5	0.0 - 5.0	2.5 ± 2.5	0.0 - 5.0	3.0 ± 3.0	0.0 - 6.0
	EO%	16.0 ± 7.0	9.0 - 23.0	14.0 ± 7.0	7.0 - 21.0	15.0 ± 7.0	8.0 - 22.0
	BASO%	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0
	NRBC# (10 ⁹ /L)	0.40 ± 19.60	0.00 - 20.00	0.40 ± 19.60	0.00 - 20.00	0.40 ± 19.60	0.00 - 20.00
	NRBC% (/100 WBC)	2.0 ± 98.0	0.0 - 100.0	2.0 ± 98.0	0.0 - 100.0	2.0 ± 98.0	0.0 - 100.0
	PLT-O (10 ⁹ /L)	55 ± 38	17 - 93	265 ± 65	200 - 330	500 ± 85	415 - 585
	PCT (%)	0.04 ± 0.03	0.01 - 0.07	0.20 ± 0.07	0.13 - 0.27	0.39 ± 0.11	0.28 - 0.50
	PDW (fL)	10.0 ± 5.0	5.0 - 15.0	10.5 ± 5.0	5.5 - 15.5	11.0 ± 5.0	6.0 - 16.0
	P-LCR (%)	23.0 ± 20.0	3.0 - 43.0	23.0 ± 20.0	3.0 - 43.0	24.0 ± 20.0	4.0 - 44.0
	IPF (%)	20.0 ± 20.0	0.0 - 40.0	20.0 ± 20.0	0.0 - 40.0	20.0 ± 20.0	0.0 - 40.0
	IG # (10 ⁹ /L)	0.65 ± 0.30	0.35 - 0.95	1.03 ± 0.40	0.63 - 1.43	3.08 ± 1.60	1.48 - 4.68
	IG%	16.0 ± 5.0	11.0 - 21.0	13.5 ± 5.0	8.5 - 18.5	15.0 ± 5.0	10.0 - 20.0
	RBC-O (10 ¹² /L)	2.08 ± 0.30	1.78 - 2.38	4.65 ± 0.50	4.15 - 5.15	5.60 ± 0.60	5.00 - 6.20