

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5213-02

EXP. 2025-05-16

		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)	3.90 ± 1.20	2.70 - 5.10	7.85 ± 1.80	6.05 - 9.65	20.70 ± 3.00	17.70 - 23.70
	WBC-D (10 ⁹ /L)	3.80 ± 1.20	2.60 - 5.00	7.80 ± 1.80	6.00 - 9.60	20.70 ± 3.00	17.70 - 23.70
	RBC (10 ¹² /L)	2.32 ± 0.15	2.17 - 2.47	4.65 ± 0.24	4.41 - 4.89	5.64 ± 0.30	5.34 - 5.94
	HGB (g/dL)	6.1 ± 0.4	5.7 - 6.5	13.5 ± 0.6	12.9 - 14.1	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	18.2 ± 2.0	16.2 - 20.2	40.9 ± 2.5	38.4 - 43.4	53.0 ± 3.0	50.0 - 56.0
	MCV (fL)	78.5 ± 5.0	73.5 - 83.5	88.0 ± 5.0	83.0 - 93.0	94.0 ± 5.0	89.0 - 99.0
	MCH (pg)	26.3 ± 2.5	23.8 - 28.8	29.0 ± 2.5	26.5 - 31.5	31.4 ± 2.5	28.9 - 33.9
	MCHC (g/dL)	33.5 ± 3.0	30.5 - 36.5	33.0 ± 3.0	30.0 - 36.0	33.4 ± 3.0	30.4 - 36.4
	RDW-SD (fL)	46.0 ± 10.0	36.0 - 56.0	47.5 ± 10.0	37.5 - 57.5	49.0 ± 10.0	39.0 - 59.0
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	15.0 ± 5.0	10.0 - 20.0	14.5 ± 5.0	9.5 - 19.5
	PLT (10 ⁹ /L)	41 ± 20	21 - 61	203 ± 40	163 - 243	395 ± 65	330 - 460
	MPV (fL)	10.1 ± 3.0	7.1 - 13.1	9.7 ± 3.0	6.7 - 12.7	9.7 ± 3.0	6.7 - 12.7
	NEUT # (10 ⁹ /L)	2.52 ± 0.47	2.05 - 2.99	4.04 ± 0.78	3.26 - 4.82	12.21 ± 2.48	9.73 - 14.69
	LYMPH # (10 ⁹ /L)	0.45 ± 0.39	0.06 - 0.84	2.12 ± 0.79	1.33 - 2.91	3.73 ± 2.07	1.66 - 5.80
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.27 ± 0.27	0.00 - 0.54	0.62 ± 0.62	0.00 - 1.24
	EO # (10 ⁹ /L)	0.64 ± 0.27	0.37 - 0.91	1.02 ± 0.55	0.47 - 1.57	3.11 ± 1.45	1.66 - 4.56
	BASO # (10 ⁹ /L)	0.20 ± 0.20	0.00 - 0.40	0.39 ± 0.39	0.00 - 0.78	1.04 ± 1.04	0.00 - 2.08
	NEUT%	64.5 ± 12.0	52.5 - 76.5	51.5 ± 10.0	41.5 - 61.5	59.0 ± 12.0	47.0 - 71.0
	LYMPH%	11.5 ± 10.0	1.5 - 21.5	27.0 ± 10.0	17.0 - 37.0	18.0 ± 10.0	8.0 - 28.0
	MONO%	2.5 ± 2.5	0.0 - 5.0	3.5 ± 3.5	0.0 - 7.0	3.0 ± 3.0	0.0 - 6.0
	EO%	16.5 ± 7.0	9.5 - 23.5	13.0 ± 7.0	6.0 - 20.0	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	250 ± 65	185 - 315	470 ± 85	385 - 555
	PCT (%)	0.04 ± 0.03	0.01 - 0.07	0.20 ± 0.07	0.13 - 0.27	0.36 ± 0.11	0.25 - 0.47
	PDW (fL)	12.0 ± 5.0	7.0 - 17.0	11.0 ± 5.0	6.0 - 16.0	11.5 ± 5.0	6.5 - 16.5
	P-LCR (%)	26.0 ± 20.0	6.0 - 46.0	23.0 ± 20.0	3.0 - 43.0	23.0 ± 20.0	3.0 - 43.0
	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)	0.62 ± 0.30	0.32 - 0.92	1.02 ± 0.40	0.62 - 1.42	3.11 ± 1.60	1.51 - 4.71
	IG%	16.0 ± 5.0	11.0 - 21.0	13.0 ± 5.0	8.0 - 18.0	15.0 ± 5.0	10.0 - 20.0
	RBC-O (10 ¹² /L)	2.35 ± 0.30	2.05 - 2.65	4.55 ± 0.50	4.05 - 5.05	5.60 ± 0.60	5.00 - 6.20