

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5222

EXP. 2025-09-26

		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)	3.80 ± 1.20	2.60 - 5.00	7.90 ± 1.80	6.10 - 9.70	20.70 ± 3.00	17.70 - 23.70
	WBC-D (10 ⁹ /L)	3.60 ± 1.20	2.40 - 4.80	7.45 ± 1.80	5.65 - 9.25	20.50 ± 3.00	17.50 - 23.50
	RBC (10 ¹² /L)	2.19 ± 0.15	2.04 - 2.34	4.65 ± 0.24	4.41 - 4.89	5.75 ± 0.30	5.45 - 6.05
	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 (%)	17.6 ± 2.0	15.6 - 19.6	40.5 ± 2.5	38.0 - 43.0	52.9 ± 3.0	49.9 - 55.9
	MCV (fL)	80.5 ± 5.0	75.5 - 85.5	87.0 ± 5.0	82.0 - 92.0	92.0 ± 5.0	87.0 - 97.0
	MCH (pg)	26.5 ± 2.5	24.0 - 29.0	28.6 ± 2.5	26.1 - 31.1	30.8 ± 2.5	28.3 - 33.3
	MCHC (g/dL)	32.9 ± 3.0	29.9 - 35.9	32.9 ± 3.0	29.9 - 35.9	33.5 ± 3.0	30.5 - 36.5
	RDW-SD (fL)	49.0 ± 10.0	39.0 - 59.0	46.5 ± 10.0	36.5 - 56.5	47.0 ± 10.0	37.0 - 57.0
	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)	44 ± 20	24 - 64	210 ± 40	170 - 250	420 ± 65	355 - 485
	MPV (fL)	10.5 ± 3.0	7.5 - 13.5	9.6 ± 3.0	6.6 - 12.6	9.7 ± 3.0	6.7 - 12.7
	NEUT # (10 ⁹ /L)	2.43 ± 0.46	1.97 - 2.89	4.15 ± 0.79	3.36 - 4.94	12.01 ± 2.48	9.53 - 14.49
	LYMPH # (10 ⁹ /L)	0.46 ± 0.38	0.08 - 0.84	2.13 ± 0.79	1.34 - 2.92	3.93 ± 2.07	1.86 - 6.00
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.20 ± 0.20	0.00 - 0.40	0.52 ± 0.52	0.00 - 1.04
	EO # (10 ⁹ /L)	0.63 ± 0.27	0.36 - 0.90	1.03 ± 0.55	0.48 - 1.58	3.21 ± 1.45	1.76 - 4.66
	BASO # (10 ⁹ /L)	0.19 ± 0.19	0.00 - 0.38	0.40 ± 0.40	0.00 - 0.80	1.04 ± 1.04	0.00 - 2.08
	NEUT%	64.0 ± 12.0	52.0 - 76.0	52.5 ± 10.0	42.5 - 62.5	58.0 ± 12.0	46.0 - 70.0
	LYMPH%	12.0 ± 10.0	2.0 - 22.0	27.0 ± 10.0	17.0 - 37.0	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	2.5 ± 2.5	0.0 - 5.0
	EO%	16.5 ± 7.0	9.5 - 23.5	13.0 ± 7.0	6.0 - 20.0	15.5 ± 7.0	8.5 - 22.5
	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)	60 ± 38	22 - 98	260 ± 65	195 - 325	510 ± 85	425 - 595
	PCT (%)	0.05 ± 0.03	0.02 - 0.08	0.20 ± 0.07	0.13 - 0.27	0.41 ± 0.11	0.30 - 0.52
	PDW (fL)	11.5 ± 5.0	6.5 - 16.5	10.5 ± 5.0	5.5 - 15.5	11.0 ± 5.0	6.0 - 16.0
	P-LCR (%)	28.0 ± 20.0	8.0 - 48.0	23.0 ± 20.0	3.0 - 43.0	23.5 ± 20.0	3.5 - 43.5
	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)	0.61 ± 0.30	0.31 - 0.91	1.03 ± 0.40	0.63 - 1.43	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)	2.17 ± 0.30	1.87 - 2.47	4.55 ± 0.50	4.05 - 5.05	5.70 ± 0.60	5.10 - 6.30