

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

HC5D-B

(Cat No.1502)

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CONTROL

LOT E5213-02

EXP. 2025-05-16

		LOW		NORMAL		HIGH	
Sysmex XN-L Series	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC-C (10 ⁹ /L)	4.05 ± 1.20	2.85 - 5.25	8.15 ± 2.00	6.15 - 10.15	21.80 ± 3.20	18.60 - 25.00
	WBC-D (10 ⁹ /L)	3.70 ± 1.20	2.50 - 4.90	7.70 ± 2.00	5.70 - 9.70	21.10 ± 3.20	17.90 - 24.30
	RBC (10 ¹² /L)	2.32 ± 0.15	2.17 - 2.47	4.64 ± 0.24	4.40 - 4.88	5.70 ± 0.30	5.40 - 6.00
	HGB (g/dL)	6.1 ± 0.4	5.7 - 6.5	13.6 ± 0.6	13.0 - 14.2	17.8 ± 0.7	17.1 - 18.5
	HCT (%)	18.3 ± 2.0	16.3 - 20.3	40.8 ± 2.5	38.3 - 43.3	53.9 ± 3.0	50.9 - 56.9
	MCV (fL)	79.0 ± 5.0	74.0 - 84.0	88.0 ± 5.0	83.0 - 93.0	94.5 ± 5.0	89.5 - 99.5
	MCH (pg)	26.3 ± 2.5	23.8 - 28.8	29.3 ± 2.5	26.8 - 31.8	31.2 ± 2.5	28.7 - 33.7
	MCHC (g/dL)	33.3 ± 3.0	30.3 - 36.3	33.3 ± 3.0	30.3 - 36.3	33.0 ± 3.0	30.0 - 36.0
	RDW-SD (fL)	49.0 ± 10.0	39.0 - 59.0	49.0 ± 10.0	39.0 - 59.0	50.0 ± 10.0	40.0 - 60.0
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	15.5 ± 5.0	10.5 - 20.5	14.5 ± 5.0	9.5 - 19.5
	PLT (10 ⁹ /L)	44 ± 20	24 - 64	205 ± 40	165 - 245	390 ± 65	325 - 455
	MPV (fL)	10.1 ± 3.0	7.1 - 13.1	9.9 ± 3.0	6.9 - 12.9	9.6 ± 3.0	6.6 - 12.6
	NEUT # (10 ⁹ /L)	2.16 ± 0.37	1.79 - 2.53	3.62 ± 0.77	2.85 - 4.39	11.39 ± 2.11	9.28 - 13.50
	LYMPH # (10 ⁹ /L)	0.50 ± 0.37	0.13 - 0.87	2.31 ± 0.77	1.54 - 3.08	4.22 ± 2.11	2.11 - 6.33
	MONO # (10 ⁹ /L)	0.09 ± 0.09	0.00 - 0.18	0.19 ± 0.19	0.00 - 0.38	0.53 ± 0.53	0.00 - 1.06
	EO # (10 ⁹ /L)	0.61 ± 0.33	0.28 - 0.94	1.00 ± 0.69	0.31 - 1.69	3.17 ± 1.48	1.69 - 4.65
	BASO # (10 ⁹ /L)	0.33 ± 0.33	0.00 - 0.66	0.58 ± 0.58	0.00 - 1.16	1.79 ± 1.79	0.00 - 3.58
	NEUT%	58.5 ± 10.0	48.5 - 68.5	47.0 ± 10.0	37.0 - 57.0	54.0 ± 10.0	44.0 - 64.0
	LYMPH%	13.5 ± 10.0	3.5 - 23.5	30.0 ± 10.0	20.0 - 40.0	20.0 ± 10.0	10.0 - 30.0
	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 ± 9.0	7.5 - 25.5	13.0 ± 9.0	4.0 - 22.0	15.0 ± 7.0	8.0 - 22.0
	BASO%	9.0 ± 9.0	0.0 - 18.0	7.5 ± 7.5	0.0 - 15.0	8.5 ± 8.5	0.0 - 17.0
	PLT-O (10 ⁹ /L)	55 ± 38	17 - 93	240 ± 65	175 - 305	440 ± 85	355 - 525
	PCT (%)	0.05 ± 0.03	0.02 - 0.08	0.21 ± 0.07	0.14 - 0.28	0.37 ± 0.11	0.26 - 0.48
	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 (%)	27.0 ± 20.0	7.0 - 47.0	24.0 ± 20.0	4.0 - 44.0	22.5 ± 20.0	2.5 - 42.5
	IG # (10 ⁹ /L)	0.57 ± 0.30	0.27 - 0.87	1.00 ± 0.40	0.60 - 1.40	3.17 ± 1.60	1.57 - 4.77
	IG%	15.5 ± 5.0	10.5 - 20.5	13.0 ± 5.0	8.0 - 18.0	15.0 ± 5.0	10.0 - 20.0
	RBC-O (10 ¹² /L)	2.29 ± 0.30	1.99 - 2.59	4.47 ± 0.50	3.97 - 4.97	5.52 ± 0.60	4.92 - 6.12

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5213-02

EXP. 2025-05-16

		LOW		NORMAL		HIGH	
MINDRAY BC-6800, BC-6600 QC Mode	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	3.95 ± 0.70	3.25 - 4.65	7.80 ± 1.00	6.80 - 8.80	20.45 ± 2.50	17.95 - 22.95
	Neu # (10 ⁹ /L)	2.75 ± 0.40	2.35 - 3.15	4.60 ± 0.62	3.98 - 5.22	14.21 ± 1.84	12.37 - 16.05
	Lym # (10 ⁹ /L)	0.40 ± 0.32	0.08 - 0.72	1.95 ± 0.55	1.40 - 2.50	3.58 ± 1.43	2.15 - 5.01
	Mon # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.27 ± 0.27	0.00 - 0.54	0.51 ± 0.51	0.00 - 1.02
	Eos # (10 ⁹ /L)	0.65 ± 0.39	0.26 - 1.04	0.86 ± 0.86	0.00 - 1.72	1.84 ± 1.84	0.00 - 3.68
	Bas # (10 ⁹ /L)	0.06 ± 0.20	-0.14 - 0.26	0.12 ± 0.40	-0.28 - 0.52	0.31 ± 1.03	-0.72 - 1.34
	Neu %	69.5 ± 10.0	59.5 - 79.5	59.0 ± 8.0	51.0 - 67.0	69.5 ± 9.0	60.5 - 78.5
	Lym %	10.0 ± 8.0	2.0 - 18.0	25.0 ± 7.0	18.0 - 32.0	17.5 ± 7.0	10.5 - 24.5
	Mon %	2.5 ± 2.5	0.0 - 5.0	3.5 ± 3.5	0.0 - 7.0	2.5 ± 2.5	0.0 - 5.0
	Eos %	16.5 ± 10.0	6.5 - 26.5	11.0 ± 11.0	0.0 - 22.0	9.0 ± 9.0	0.0 - 18.0
	Bas %	1.5 ± 5.0	-3.5 - 6.5	1.5 ± 5.0	-3.5 - 6.5	1.5 ± 5.0	-3.5 - 6.5
	RBC (10 ¹² /L)	2.40 ± 0.18	2.22 - 2.58	4.63 ± 0.24	4.39 - 4.87	5.65 ± 0.30	5.35 - 5.95
	HGB (g/dL)	6.2 ± 0.4	5.8 - 6.6	13.5 ± 0.6	12.9 - 14.1	17.7 ± 0.8	16.9 - 18.5
	HCT (%)	19.9 ± 2.0	17.9 - 21.9	42.8 ± 2.5	40.3 - 45.3	55.9 ± 3.0	52.9 - 58.9
	MCV (fL)	83.0 ± 5.0	78.0 - 88.0	92.5 ± 5.0	87.5 - 97.5	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	25.8 ± 2.5	23.3 - 28.3	29.2 ± 2.5	26.7 - 31.7	31.3 ± 2.5	28.8 - 33.8
	MCHC (g/dL)	31.1 ± 3.0	28.1 - 34.1	31.5 ± 3.0	28.5 - 34.5	31.6 ± 3.0	28.6 - 34.6
	RDW-CV (%)	17.5 ± 3.0	14.5 - 20.5	15.5 ± 3.0	12.5 - 18.5	15.5 ± 3.0	12.5 - 18.5
	RDW-SD (fL)	49.0 ± 6.0	43.0 - 55.0	50.0 ± 6.0	44.0 - 56.0	51.0 ± 8.0	43.0 - 59.0
	PLT (10 ⁹ /L)	46 ± 20	26 - 66	224 ± 40	184 - 264	426 ± 60	366 - 486
	MPV (fL)	9.6 ± 3.0	6.6 - 12.6	9.9 ± 3.0	6.9 - 12.9	10.4 ± 3.0	7.4 - 13.4
	PDW	16.5 ± 3.0	13.5 - 19.5	16.5 ± 3.0	13.5 - 19.5	16.5 ± 3.0	13.5 - 19.5
	PCT (%)	0.050 ± 0.050	0.000 - 0.100	0.215 ± 0.100	0.115 - 0.315	0.443 ± 0.200	0.243 - 0.643
	P-LCR (%)	26.0 ± 10.0	16.0 - 36.0	27.5 ± 10.0	17.5 - 37.5	29.0 ± 10.0	19.0 - 39.0
	P-LCC (10 ⁹ /L)	11 ± 8	3 - 19	55 ± 24	31 - 79	120 ± 50	70 - 170
	IMG # (10 ⁹ /L)	0.20 ± 0.20	0.00 - 0.40	0.39 ± 0.39	0.00 - 0.78	1.02 ± 1.02	0.00 - 2.04
	IMG%	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0	5.0 ± 5.0	0.0 - 10.0
	IPF (%)	5.5 ± 5.5	0.0 - 11.0	6.0 ± 6.0	0.0 - 12.0	6.0 ± 6.0	0.0 - 12.0
	PLT-O (10 ⁹ /L)	39 ± 20	19 - 59	180 ± 40	140 - 220	341 ± 60	281 - 401

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5213-02
EXP. 2025-05-16

		LOW		NORMAL		HIGH	
MINDRAY BC-7300 QC Mode	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	4.10 ± 1.20	2.90 - 5.20	8.34 ± 1.80	6.54 - 10.14	22.00 ± 3.00	19.00 - 25.00
	RBC (10 ¹² /L)	2.36 ± 0.15	2.21 - 2.51	4.64 ± 0.24	4.40 - 4.88	5.69 ± 0.30	5.39 - 5.99
	HGB (g/dL)	6.1 ± 0.4	5.7 - 6.5	13.4 ± 0.6	12.8 - 14.0	17.6 ± 0.7	16.9 - 18.3
	HCT (%)	18.8 ± 2.0	16.8 - 20.8	42.1 ± 2.5	39.6 - 44.6	55.9 ± 3.0	52.9 - 58.9
	MCV (fL)	80.5 ± 5.0	75.5 - 85.5	92.0 ± 5.0	87.0 - 97.0	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	25.7 ± 2.5	23.2 - 28.2	28.9 ± 2.5	26.4 - 31.4	30.9 ± 2.5	28.4 - 33.4
	MCHC (g/dL)	32.2 ± 3.0	29.2 - 35.2	31.8 ± 3.0	28.8 - 34.8	31.6 ± 3.0	28.6 - 34.6
	RDW-SD (fL)	52.1 ± 10.0	42.1 - 62.1	50.9 ± 10.0	40.9 - 60.9	51.7 ± 10.0	41.7 - 61.7
	RDW-CV (%)	18.1 ± 5.0	13.1 - 23.1	15.6 ± 5.0	10.6 - 20.6	14.7 ± 5.0	9.7 - 19.7
	PLT (10 ⁹ /L)	53 ± 25	28 - 78	224 ± 40	184 - 264	430 ± 65	365 - 495
	MPV (fL)	9.1 ± 3.0	6.1 - 12.1	8.6 ± 3.0	5.6 - 11.6	9.8 ± 3.0	6.8 - 12.8
	NEUT # (10 ⁹ /L)	2.83 ± 0.50	2.33 - 3.33	4.88 ± 1.00	3.88 - 5.88	15.51 ± 2.51	13.00 - 18.02
	LYMPH # (10 ⁹ /L)	0.45 ± 0.37	0.08 - 0.82	2.09 ± 0.79	1.30 - 2.88	3.63 ± 2.10	1.53 - 5.73
	MONO # (10 ⁹ /L)	0.08 ± 0.08	0.00 - 0.16	0.29 ± 0.19	0.10 - 0.48	0.55 ± 0.51	0.04 - 1.06
	EO # (10 ⁹ /L)	0.68 ± 0.29	0.39 - 0.97	0.96 ± 0.56	0.40 - 1.52	1.98 ± 1.47	0.51 - 3.45
	BASO # (10 ⁹ /L)	0.06 ± 0.06	0.00 - 0.12	0.13 ± 0.13	0.00 - 0.26	0.33 ± 0.33	0.00 - 0.66
	NEUT%	69.0 ± 12.0	54.0 - 81.0	58.5 ± 12.0	46.5 - 70.5	70.5 ± 12.0	58.5 - 82.5
	LYMPH%	11.0 ± 9.0	2.0 - 21.0	25.0 ± 10.0	15.0 - 35.0	16.5 ± 10.0	6.5 - 26.5
	MONO%	2.0 ± 2.0	0.0 - 4.0	3.5 ± 2.5	1.0 - 6.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.5 ± 7.0	9.5 - 23.5	11.5 ± 7.0	4.5 - 18.5	9.0 ± 7.0	4.0 - 16.0
	BASO%	1.5 ± 1.5	0.00 - 3.0	1.5 ± 1.5	0.00 - 3.0	1.5 ± 1.5	0.00 - 3.0

HC5D-B

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HEMATOLOGY CONTROLS

CONTROL

E5213-02
EXP. 2025-05-16

		LOW		NORMAL		HIGH	
Sysmex XT-4000i (Manual Sampling)	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	3.84 ± 1.20	2.64 - 5.04	7.83 ± 1.80	6.03 - 9.63	19.94 ± 3.00	16.94 - 22.94
	RBC (10 ¹² /L)	2.39 ± 0.15	2.24 - 2.54	4.62 ± 0.24	4.38 - 4.86	5.65 ± 0.30	5.35 - 5.95
	HGB (g/dL)	6.2 ± 0.4	5.8 - 6.6	13.6 ± 0.6	13.0 - 14.2	17.9 ± 0.7	17.2 - 18.6
	HCT (%)	19.8 ± 2.0	17.8 - 21.8	41.6 ± 2.5	39.1 - 44.1	55.1 ± 3.0	52.1 - 58.1
	MCV (fL)	83.0 ± 5.0	78.0 - 88.0	90.0 ± 5.0	85.0 - 95.0	97.5 ± 5.0	92.5 - 102.5
	MCH (pg)	25.9 ± 2.5	23.4 - 28.4	29.4 ± 2.5	26.9 - 31.9	31.7 ± 2.5	29.2 - 34.2
	MCHC (g/dL)	31.3 ± 3.0	28.3 - 34.3	32.6 ± 3.0	29.6 - 35.6	32.4 ± 3.0	29.4 - 35.4
	RDW-SD (fL)	47.9 ± 10.0	37.9 - 57.9	48.4 ± 10.0	38.4 - 58.4	49.9 ± 10.0	39.9 - 59.9
	RDW-CV (%)	16.7 ± 5.0	11.7 - 21.7	15.3 ± 5.0	10.3 - 20.3	15.0 ± 5.0	10.0 - 20.0
	PLT (10 ⁹ /L)	55 ± 25	30 - 80	210 ± 40	170 - 250	392 ± 65	327 - 457
	MPV (fL)	7.3 ± 3.0	4.3 - 10.3	8.3 ± 3.0	5.3 - 11.3	9.2 ± 3.0	6.2 - 12.2
	NEUT # (10 ⁹ /L)	2.63 ± 0.50	2.13 - 3.13	4.38 ± 1.00	3.38 - 5.38	12.36 ± 2.52	9.84 - 14.88
	LYMPH # (10 ⁹ /L)	0.50 ± 0.37	0.13 - 0.87	2.07 ± 0.79	1.28 - 2.86	4.29 ± 2.10	2.19 - 6.39
	MONO # (10 ⁹ /L)	0.10 ± 0.09	0.01 - 0.09	0.35 ± 0.19	0.16 - 0.54	0.50 ± 0.50	0.00 - 1.00
	EO # (10 ⁹ /L)	0.61 ± 0.29	0.32 - 0.90	1.02 ± 0.56	0.46 - 1.58	2.79 ± 1.47	1.32 - 4.26
	BASO # (10 ⁹ /L)	3.40 ± 0.82	2.58 - 4.22	5.64 ± 2.00	3.64 - 7.64	17.15 ± 4.20	12.95 - 21.35
	NEUT%	68.5 ± 12.0	56.5 - 80.5	56.0 ± 12.0	44.0 - 68.0	62.0 ± 12.0	50.0 - 74.0
	LYMPH%	13.0 ± 9.0	4.0 - 22.0	26.5 ± 10.0	16.5 - 36.5	21.5 ± 10.0	11.5 - 31.5
	MONO%	2.5 ± 2.5	0.0 - 5.0	4.5 ± 2.5	2.0 - 7.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.0 ± 7.0	9.0 - 23.0	13.0 ± 7.0	6.0 - 20.0	14.0 ± 7.0	7.0 - 21.0
	BASO%	88.5 ± 20.0	68.5 - 108.5	72.0 ± 25.0	47.0 - 97.0	86.0 ± 20.0	66.0 - 106.0

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5213-02

EXP. 2025-05-16

		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)	3.98 ± 1.20	2.78 - 5.18	7.77 ± 1.80	5.97 - 9.57	20.68 ± 3.00	17.68 - 23.68
	RBC (10 ¹² /L)	2.33 ± 0.15	2.18 - 2.48	4.58 ± 0.24	4.34 - 4.82	5.61 ± 0.30	5.31 - 5.91
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.4 ± 0.6	12.8 - 14.0	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	19.2 ± 2.0	17.2 - 21.2	42.4 ± 2.5	39.9 - 44.9	55.5 ± 3.0	52.5 - 58.5
	MCV (fL)	82.5 ± 5.0	77.5 - 87.5	92.5 ± 5.0	87.5 - 97.5	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	25.7 ± 2.5	23.2 - 28.2	29.3 ± 2.5	26.8 - 31.8	31.6 ± 2.5	29.1 - 34.1
	MCHC (g/dL)	31.3 ± 3.0	28.3 - 34.3	31.6 ± 3.0	28.6 - 34.6	31.9 ± 3.0	28.9 - 34.9
	RDW-SD (fL)	45.9 ± 10.0	35.9 - 55.9	50.2 ± 10.0	40.2 - 60.2	50.4 ± 10.0	40.4 - 60.4
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	15.5 ± 5.0	10.5 - 20.5	15.1 ± 5.0	10.1 - 20.1
	PLT (10 ⁹ /L)	55 ± 25	30 - 80	200 ± 40	160 - 240	375 ± 65	310 - 440
	MPV (fL)	8.8 ± 3.0	5.8 - 11.8	8.9 ± 3.0	5.9 - 11.9	9.9 ± 3.0	6.9 - 12.9
	NEUT # (10 ⁹ /L)	2.45 ± 0.50	1.95 - 2.95	3.69 ± 1.00	2.69 - 4.69	11.68 ± 2.52	9.16 - 14.20
	LYMPH # (10 ⁹ /L)	0.42 ± 0.37	0.05 - 0.79	2.33 ± 0.79	1.54 - 3.12	3.62 ± 2.10	1.52 - 5.72
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.19 ± 0.19	0.00 - 0.38	0.41 ± 0.41	0.00 - 0.82
	EO # (10 ⁹ /L)	0.62 ± 0.29	0.33 - 0.91	0.97 ± 0.56	0.41 - 1.53	3.00 ± 1.47	1.53 - 4.47
	BASO # (10 ⁹ /L)	0.40 ± 0.40	0.00 - 0.80	0.58 ± 0.58	0.00 - 1.16	1.96 ± 1.96	0.00 - 3.92
	NEUT%	61.5 ± 12.0	49.5 - 73.5	47.5 ± 12.0	35.5 - 59.5	56.5 ± 12.0	44.5 - 68.5
	LYMPH%	10.5 ± 9.0	1.5 - 19.5	30.0 ± 10.0	20.0 - 40.0	17.5 ± 10.0	7.5 - 27.5
	MONO%	2.5 ± 2.5	0.0 - 5.0	2.5 ± 2.5	0.0 - 5.0	2.0 ± 2.0	0.0 - 4.0
	EO%	15.5 ± 7.0	8.5 - 22.5	12.5 ± 7.0	5.5 - 19.5	14.5 ± 7.0	7.5 - 21.5
	BASO%	10.0 ± 10.0	0.00 - 20.0	7.5 ± 7.5	0.00 - 15.0	9.5 ± 9.5	0.00 - 19.0