

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5236

EXP. 2026-03-26

		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)	4.00 ± 1.20	2.80 - 5.20	8.00 ± 1.80	6.20 - 9.80	21.00 ± 3.00	18.00 - 24.00
	WBC-D (10 ⁹ /L)	3.75 ± 1.20	2.55 - 4.95	7.90 ± 1.80	6.10 - 9.70	21.00 ± 3.00	18.00 - 24.00
	RBC (10 ¹² /L)	2.10 ± 0.15	1.95 - 2.25	4.62 ± 0.24	4.38 - 4.86	5.73 ± 0.30	5.43 - 6.03
	HGB (g/dL)	5.9 ± 0.4	5.5 - 6.3	13.4 ± 0.6	12.8 - 14.0	17.7 ± 0.7	17.0 - 18.4
	HCT (%)	18.0 ± 2.0	16.0 - 20.0	40.2 ± 2.5	37.7 - 42.7	53.9 ± 3.0	50.9 - 56.9
	MCV (fL)	85.5 ± 5.0	80.5 - 90.5	87.0 ± 5.0	82.0 - 92.0	94.0 ± 5.0	89.0 - 99.0
	MCH (pg)	28.1 ± 2.5	25.6 - 30.6	29.0 ± 2.5	26.5 - 31.5	30.9 ± 2.5	28.4 - 33.4
	MCHC (g/dL)	32.9 ± 3.0	29.9 - 35.9	33.3 ± 3.0	30.3 - 36.3	32.9 ± 3.0	29.9 - 35.9
	RDW-SD (fL)	50.5 ± 10.0	40.5 - 60.5	47.0 ± 10.0	37.0 - 57.0	47.5 ± 10.0	37.5 - 57.5
	RDW-CV (%)	17.0 ± 5.0	12.0 - 22.0	16.0 ± 5.0	11.0 - 21.0	14.5 ± 5.0	9.5 - 19.5
	PLT (10 ⁹ /L)	43 ± 20	23 - 63	198 ± 40	158 - 238	408 ± 65	343 - 473
	MPV (fL)	11.0 ± 3.0	8.0 - 14.0	10.3 ± 3.0	7.3 - 13.3	9.7 ± 3.0	6.7 - 12.7
	NEUT # (10 ⁹ /L)	2.54 ± 0.48	2.06 - 3.02	4.12 ± 0.80	3.32 - 4.92	12.08 ± 2.52	9.56 - 14.60
	LYMPH # (10 ⁹ /L)	0.50 ± 0.40	0.10 - 0.90	2.12 ± 0.80	1.32 - 2.92	4.20 ± 2.10	2.10 - 6.30
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.28 ± 0.28	0.00 - 0.56	0.53 ± 0.53	0.00 - 1.06
	EO # (10 ⁹ /L)	0.66 ± 0.28	0.38 - 0.94	1.08 ± 0.56	0.52 - 1.64	3.15 ± 1.47	1.68 - 4.62
	BASO # (10 ⁹ /L)	0.20 ± 0.20	0.00 - 0.40	0.40 ± 0.40	0.00 - 0.80	1.05 ± 1.05	0.00 - 2.10
	NEUT%	63.5 ± 12.0	51.5 - 75.5	51.5 ± 10.0	41.5 - 61.5	57.5 ± 12.0	45.5 - 69.5
	LYMPH%	12.5 ± 10.0	2.5 - 22.5	26.5 ± 10.0	16.5 - 36.5	20.0 ± 10.0	10.0 - 30.0
	MONO%	2.5 ± 2.5	0.0 - 5.0	3.5 ± 3.5	0.0 - 7.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.5 ± 7.0	9.5 - 23.5	13.5 ± 7.0	6.5 - 20.5	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)	50 ± 38	12 - 88	225 ± 65	160 - 290	460 ± 85	375 - 545
	PCT (%)	0.05 ± 0.03	0.02 - 0.08	0.20 ± 0.07	0.13 - 0.27	0.39 ± 0.11	0.28 - 0.50
	PDW (fL)	12.5 ± 5.0	7.5 - 17.5	12.0 ± 5.0	7.0 - 17.0	11.0 ± 5.0	6.0 - 16.0
	P-LCR (%)	34.0 ± 20.0	14.0 - 54.0	28.0 ± 20.0	8.0 - 48.0	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)	0.60 ± 0.30	0.30 - 0.90	1.00 ± 0.40	0.60 - 1.40	2.94 ± 1.60	1.34 - 4.54
	IG%	15.0 ± 5.0	10.0 - 20.0	12.5 ± 5.0	7.5 - 17.5	14.0 ± 5.0	9.0 - 19.0
	RBC-O (10 ¹² /L)	2.00 ± 0.30	1.70 - 2.30	4.45 ± 0.50	3.95 - 4.95	5.60 ± 0.60	5.00 - 6.20

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5236

EXP. 2026-03-26

		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)	4.10 ± 1.20	2.90 - 5.30	8.05 ± 2.00	6.05 - 10.05	21.65 ± 3.20	18.45 - 24.85
	WBC-D (10 ⁹ /L)	3.85 ± 1.20	2.65 - 5.05	7.65 ± 2.00	5.65 - 9.65	21.40 ± 3.20	18.20 - 24.60
	RBC (10 ¹² /L)	2.04 ± 0.15	1.89 - 2.19	4.63 ± 0.24	4.39 - 4.87	5.85 ± 0.30	5.55 - 6.15
	HGB (g/dL)	5.8 ± 0.4	5.4 - 6.2	13.3 ± 0.6	12.7 - 13.9	17.9 ± 0.7	17.2 - 18.6
	HCT (%)	18.0 ± 2.0	16.0 - 20.0	41.2 ± 2.5	38.7 - 43.7	55.6 ± 3.0	52.6 - 58.6
	MCV (fL)	88.0 ± 5.0	83.0 - 93.0	89.0 ± 5.0	84.0 - 94.0	95.0 ± 5.0	90.0 - 100.0
	MCH (pg)	28.4 ± 2.5	25.9 - 30.9	28.7 ± 2.5	26.2 - 31.2	30.6 ± 2.5	28.1 - 33.1
	MCHC (g/dL)	32.3 ± 3.0	29.3 - 35.3	32.3 ± 3.0	29.3 - 35.3	32.2 ± 3.0	29.2 - 35.2
	RDW-SD (fL)	52.0 ± 10.0	42.0 - 62.0	50.0 ± 10.0	40.0 - 60.0	49.5 ± 10.0	39.5 - 59.5
	RDW-CV (%)	17.5 ± 5.0	12.5 - 22.5	15.5 ± 5.0	10.5 - 20.5	13.5 ± 5.0	8.5 - 18.5
	PLT (10 ⁹ /L)	44 ± 20	24 - 64	201 ± 40	161 - 241	420 ± 65	355 - 485
	MPV (fL)	10.8 ± 3.0	7.8 - 13.8	10.5 ± 3.0	7.5 - 13.5	9.7 ± 3.0	6.7 - 12.7
	NEUT # (10 ⁹ /L)	2.27 ± 0.38	1.89 - 2.65	3.71 ± 0.76	2.95 - 4.47	11.34 ± 2.14	9.20 - 13.48
	LYMPH # (10 ⁹ /L)	0.52 ± 0.39	0.13 - 0.91	2.18 ± 0.76	1.42 - 2.94	4.60 ± 2.14	2.46 - 6.74
	MONO # (10 ⁹ /L)	0.10 ± 0.10	0.00 - 0.20	0.23 ± 0.23	0.00 - 0.46	0.54 ± 0.54	0.00 - 1.08
	EO # (10 ⁹ /L)	0.62 ± 0.35	0.27 - 0.97	0.96 ± 0.69	0.27 - 1.65	3.21 ± 1.93	1.28 - 5.14
	BASO # (10 ⁹ /L)	0.35 ± 0.35	0.00 - 0.70	0.57 ± 0.57	0.00 - 1.14	1.71 ± 1.71	0.00 - 3.42
	NEUT%	59.0 ± 10.0	49.0 - 69.0	48.5 ± 10.0	38.5 - 58.5	53.0 ± 10.0	43.0 - 63.0
	LYMPH%	13.5 ± 10.0	3.5 - 23.5	28.5 ± 10.0	18.5 - 38.5	21.5 ± 10.0	11.5 - 31.5
	MONO%	2.5 ± 2.5	0.0 - 5.0	3.0 ± 3.0	0.0 - 6.0	2.5 ± 2.5	0.0 - 5.0
	EO%	16.0 ± 9.0	7.0 - 25.0	12.5 ± 9.0	3.5 - 21.5	15.0 ± 9.0	6.0 - 24.0
	BASO%	9.0 ± 9.0	0.0 - 18.0	7.5 ± 7.5	0.0 - 15.0	8.0 ± 8.0	0.0 - 16.0
	PLT-O (10 ⁹ /L)	50 ± 38	12 - 88	225 ± 65	160 - 290	445 ± 85	360 - 530
	PCT (%)	0.05 ± 0.03	0.02 - 0.08	0.21 ± 0.07	0.14 - 0.28	0.41 ± 0.11	0.30 - 0.52
	PDW (fL)	12.5 ± 5.0	7.5 - 17.5	12.5 ± 5.0	7.5 - 17.5	11.5 ± 5.0	6.5 - 16.5
	P-LCR (%)	32.0 ± 20.0	12.0 - 52.0	29.0 ± 20.0	9.0 - 49.0	23.0 ± 20.0	3.0 - 43.0
	IG # (10 ⁹ /L)	0.60 ± 0.30	0.30 - 0.90	0.96 ± 0.40	0.56 - 1.36	3.10 ± 1.60	1.50 - 4.70
	IG%	15.5 ± 5.0	10.5 - 20.5	12.5 ± 5.0	7.5 - 17.5	14.5 ± 5.0	9.5 - 19.5
	RBC-O (10 ¹² /L)	2.05 ± 0.30	1.75 - 2.35	4.50 ± 0.50	4.00 - 5.00	5.65 ± 0.60	5.05 - 6.25

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

LOT E5236

EXP. 2026-03-26

		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)	3.85 ± 0.70	3.15 - 4.55	7.65 ± 1.00	6.65 - 8.65	20.30 ± 2.50	17.80 - 22.80
	Neu # (10 ⁹ /L)	2.54 ± 0.38	2.16 - 2.92	4.63 ± 0.61	4.02 - 5.24	13.50 ± 1.83	11.67 - 15.33
	Lym # (10 ⁹ /L)	0.44 ± 0.31	0.13 - 0.75	1.84 ± 0.54	1.30 - 2.38	3.65 ± 1.42	2.23 - 5.07
	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)	0.71 ± 0.38	0.33 - 1.09	0.80 ± 0.76	0.04 - 1.56	2.33 ± 1.62	0.71 - 3.95
	Bas # (10 ⁹ /L)	0.06 ± 0.20	-0.14 - 0.26	0.11 ± 0.37	-0.26 - 0.48	0.30 ± 1.00	-0.70 - 1.30
	Neu %	66.0 ± 10.0	56.0 - 76.0	60.5 ± 8.0	52.5 - 68.5	66.5 ± 9.0	57.5 - 75.5
	Lym %	11.5 ± 8.0	3.5 - 19.5	24.0 ± 7.0	17.0 - 31.0	18.0 ± 7.0	11.0 - 25.0
	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 %	18.5 ± 10.0	8.5 - 28.5	10.5 ± 10.0	0.5 - 20.5	11.5 ± 8.0	3.5 - 19.5
	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)	2.10 ± 0.18	1.92 - 2.28	4.59 ± 0.24	4.35 - 4.83	5.74 ± 0.30	5.44 - 6.04
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.4 ± 0.6	12.8 - 14.0	17.8 ± 0.8	17.0 - 18.6
	HCT (%)	19.2 ± 2.0	17.2 - 21.2	42.7 ± 2.5	40.2 - 45.2	57.4 ± 3.0	54.4 - 60.4
	MCV (fL)	91.5 ± 5.0	86.5 - 96.5	93.0 ± 5.0	88.0 - 98.0	100.0 ± 5.0	95.0 - 105.0
	MCH (pg)	28.6 ± 2.5	26.1 - 31.1	29.2 ± 2.5	26.7 - 31.7	31.0 ± 2.5	28.5 - 33.5
	MCHC (g/dL)	31.2 ± 3.0	28.2 - 34.2	31.4 ± 3.0	28.4 - 34.4	31.0 ± 3.0	28.0 - 34.0
	RDW-CV (%)	17.0 ± 3.0	14.0 - 20.0	15.5 ± 3.0	12.5 - 18.5	13.5 ± 3.0	10.5 - 16.5
	RDW-SD (fL)	53.5 ± 6.0	47.5 - 59.5	52.0 ± 6.0	46.0 - 58.0	51.5 ± 8.0	43.5 - 59.5
	PLT (10 ⁹ /L)	45 ± 20	25 - 65	212 ± 40	172 - 252	435 ± 60	375 - 495
	MPV (fL)	10.1 ± 3.0	7.1 - 13.1	10.5 ± 3.0	7.5 - 13.5	10.1 ± 3.0	7.1 - 13.1
	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	0.230 ± 0.100	0.130 - 0.330	0.445 ± 0.200	0.245 - 0.645
	P-LCR (%)	29.0 ± 10.0	19.0 - 39.0	32.0 ± 10.0	22.0 - 42.0	28.5 ± 10.0	18.5 - 38.5
	P-LCC (10 ⁹ /L)	15 ± 8	7 - 23	65 ± 24	41 - 89	125 ± 50	75 - 175
	IMG # (10 ⁹ /L)	0.19 ± 0.19	0.00 - 0.38	0.38 ± 0.38	0.00 - 0.76	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 (%)	6.0 ± 6.0	0.0 - 12.0	6.0 ± 6.0	0.0 - 12.0	6.5 ± 6.5	0.0 - 13.0
	PLT-O (10 ⁹ /L)	42 ± 20	22 - 62	165 ± 40	125 - 205	334 ± 60	274 - 394

HC5D-B

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5236

EXP. 2026-03-26

		LOW		NORMAL		HIGH	
MINDRAY BC-7500 QC Mode	Parameters	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range	Assay Mean ± Limit	Expected Range
	WBC (10 ⁹ /L)	3.99 ± 1.20	2.79 - 5.19	7.98 ± 1.80	6.18 - 9.78	21.43 ± 3.00	18.43 - 24.43
	RBC (10 ¹² /L)	2.12 ± 0.15	1.97 - 2.27	4.74 ± 0.24	4.50 - 4.98	5.95 ± 0.30	5.65 - 6.25
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.5 ± 0.6	12.9 - 14.1	18.1 ± 0.7	17.4 - 18.8
	HCT (%)	18.9 ± 2.0	16.9 - 20.9	43.6 ± 2.5	41.1 - 46.1	59.0 ± 3.0	56.0 - 62.0
	MCV (fL)	89.5 ± 5.0	84.5 - 94.5	92.0 ± 5.0	87.0 - 97.0	99.0 ± 5.0	94.0 - 104.0
	MCH (pg)	28.2 ± 2.5	25.7 - 30.7	28.5 ± 2.5	26.0 - 31.0	30.4 ± 2.5	27.9 - 32.9
	MCHC (g/dL)	31.6 ± 3.0	28.6 - 34.6	31.0 ± 3.0	28.0 - 34.0	30.7 ± 3.0	27.7 - 33.7
	RDW-SD (fL)	60.3 ± 10.0	50.3 - 70.3	55.7 ± 10.0	45.7 - 65.7	53.8 ± 10.0	43.8 - 63.8
	RDW-CV (%)	17.5 ± 5.0	12.5 - 22.5	15.9 ± 5.0	10.9 - 20.9	14.4 ± 5.0	9.4 - 19.4
	PLT (10 ⁹ /L)	48 ± 25	23 - 73	215 ± 40	175 - 255	415 ± 65	350 - 480
	MPV (fL)	10.8 ± 3.0	7.8 - 13.8	11.1 ± 3.0	8.1 - 14.1	10.7 ± 3.0	7.7 - 13.7
	NEUT # (10 ⁹ /L)	2.63 ± 0.50	2.13 - 3.13	4.75 ± 1.00	3.75 - 5.75	14.36 ± 2.51	11.85 - 16.87
	LYMPH # (10 ⁹ /L)	0.46 ± 0.37	0.09 - 0.83	1.92 ± 0.79	1.13 - 2.71	3.86 ± 2.10	1.76 - 5.96
	MONO # (10 ⁹ /L)	0.10 ± 0.08	0.02 - 0.18	0.28 ± 0.19	0.09 - 0.47	0.54 ± 0.51	0.03 - 1.05
	EO # (10 ⁹ /L)	0.74 ± 0.29	0.45 - 1.03	0.92 ± 0.56	0.36 - 1.48	2.36 ± 1.47	0.89 - 3.83
	BASO # (10 ⁹ /L)	0.06 ± 0.06	0.00 - 0.12	0.12 ± 0.12	0.00 - 0.24	0.32 ± 0.30	0.00 - 0.62
	NEUT%	66.0 ± 12.0	54.0 - 78.0	59.5 ± 12.0	47.5 - 71.5	67.0 ± 12.0	55.0 - 79.0
	LYMPH%	11.5 ± 9.0	2.5 - 20.5	24.0 ± 10.0	14.0 - 34.0	18.0 ± 10.0	8.0 - 28.0
	MONO%	2.5 ± 2.0	0.5 - 4.5	3.5 ± 2.5	1.0 - 6.0	2.5 ± 2.5	0.0 - 5.0
	EO%	18.5 ± 7.0	11.5 - 25.5	11.5 ± 7.0	4.5 - 18.5	11.0 ± 7.0	4.0 - 18.0
	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

(Cat No.1502)

HEMATOLOGY CONTROLS

CONTROL

E5236

EXP. 2026-03-26

		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)	4.02 ± 1.20	2.82 - 5.12	8.06 ± 1.80	6.26 - 9.86	20.72 ± 3.00	17.72 - 23.72
	RBC (10 ¹² /L)	2.15 ± 0.15	2.00 - 2.30	4.66 ± 0.24	4.42 - 4.90	5.80 ± 0.30	5.50 - 6.10
	HGB (g/dL)	6.0 ± 0.4	5.6 - 6.4	13.5 ± 0.6	12.9 - 14.1	17.9 ± 0.7	17.2 - 18.6
	HCT (%)	19.1 ± 2.0	17.1 - 21.1	42.2 ± 2.5	39.7 - 44.7	55.7 ± 3.0	52.7 - 58.7
	MCV (fL)	89.0 ± 5.0	84.0 - 94.0	90.5 ± 5.0	85.5 - 95.5	96.0 ± 5.0	91.0 - 101.0
	MCH (pg)	27.9 ± 2.5	25.4 - 30.4	28.9 ± 2.5	26.4 - 31.4	30.9 ± 2.5	28.4 - 33.4
	MCHC (g/dL)	31.4 ± 3.0	28.4 - 34.4	32.0 ± 3.0	29.0 - 35.0	32.1 ± 3.0	29.1 - 35.1
	RDW-SD (fL)	48.3 ± 10.0	38.3 - 58.3	49.7 ± 10.0	39.7 - 59.7	50.2 ± 10.0	40.2 - 60.2
	RDW-CV (%)	16.6 ± 5.0	11.6 - 21.6	16.0 ± 5.0	11.0 - 21.0	15.4 ± 5.0	10.4 - 20.4
	PLT (10 ⁹ /L)	50 ± 25	25 - 75	200 ± 40	160 - 240	400 ± 65	345 - 465
	MPV (fL)	9.2 ± 3.0	6.2 - 12.2	9.6 ± 3.0	6.6 - 12.6	9.8 ± 3.0	6.8 - 12.8
	NEUT # (10 ⁹ /L)	2.73 ± 0.50	2.23 - 3.23	4.59 ± 1.00	3.59 - 5.59	12.33 ± 2.52	9.81 - 14.85
	LYMPH # (10 ⁹ /L)	0.56 ± 0.37	0.19 - 0.93	2.14 ± 0.79	1.35 - 2.93	5.08 ± 2.10	2.98 - 7.18
	MONO # (10 ⁹ /L)	0.08 ± 0.08	0.00 - 0.16	0.24 ± 0.24	0.00 - 0.48	0.41 ± 0.40	0.01 - 0.82
	EO # (10 ⁹ /L)	0.64 ± 0.29	0.35 - 0.93	1.09 ± 0.56	0.53 - 1.65	2.90 ± 1.47	1.43 - 4.37
	BASO # (10 ⁹ /L)	3.48 ± 0.82	2.66 - 4.50	5.84 ± 2.00	3.84 - 7.84	17.72 ± 4.20	13.52 - 21.92
	NEUT%	68.0 ± 12.0	54.0 - 80.0	57.0 ± 12.0	45.0 - 69.0	59.5 ± 12.0	47.5 - 71.5
	LYMPH%	14.0 ± 9.0	5.0 - 23.0	26.5 ± 10.0	16.5 - 36.5	24.5 ± 10.0	14.5 - 34.5
	MONO%	2.0 ± 2.0	0.0 - 4.0	3.0 ± 3.0	0.0 - 6.0	2.0 ± 2.0	0.0 - 4.0
	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%	86.5 ± 20.0	66.5 - 106.5	72.5 ± 25.0	47.5 - 97.5	85.5 ± 20.0	65.5 - 105.5

HC5D-B
(Cat No.1502)

HEMATOLOGY CONTROLS
CONTROL

E5236
EXP. 2026-03-26

		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 ⁹ /L)	3.77 ± 1.20	2.57 - 4.97	7.87 ± 1.80	7.07 - 9.67	21.42 ± 3.00	18.42 - 24.42
	RBC (10 ¹² /L)	2.15 ± 0.15	2.00 - 2.30	4.67 ± 0.24	4.43 - 4.91	5.82 ± 0.30	5.52 - 6.12
	HGB (g/dL)	5.9 ± 0.4	5.5 - 6.3	13.4 ± 0.6	12.8 - 14.0	18.1 ± 0.7	17.4 - 18.8
	HCT (%)	19.4 ± 2.0	17.4 - 21.4	42.5 ± 2.5	40.0 - 45.0	57.0 ± 3.0	54.0 - 60.0
	MCV (fL)	90.0 ± 5.0	85.0 - 95.0	91.0 ± 5.0	86.0 - 96.0	97.5 ± 5.0	92.5 - 102.5
	MCH (pg)	27.4 ± 2.5	24.9 - 29.9	28.7 ± 2.5	26.2 - 31.2	31.1 ± 2.5	28.6 - 33.6
	MCHC (g/dL)	30.4 ± 3.0	27.4 - 33.4	31.5 ± 3.0	28.5 - 34.5	31.7 ± 3.0	28.7 - 34.7
	RDW-SD (fL)	52.5 ± 10.0	42.5 - 62.5	51.6 ± 10.0	41.6 - 61.6	49.3 ± 10.0	39.3 - 59.3
	RDW-CV (%)	16.2 ± 5.0	11.2 - 21.2	16.0 ± 5.0	11.0 - 21.0	15.1 ± 5.0	10.1 - 20.1
	PLT (10 ⁹ /L)	50 ± 25	25 - 75	200 ± 40	160 - 240	400 ± 65	335 - 465
	MPV (fL)	10.0 ± 3.0	7.0 - 13.0	10.2 ± 3.0	7.2 - 13.2	10.3 ± 3.0	7.3 - 13.3
	NEUT # (10 ⁹ /L)	2.30 ± 0.50	1.80 - 2.80	3.93 ± 1.00	2.93 - 4.93	11.67 ± 2.52	9.15 - 14.19
	LYMPH # (10 ⁹ /L)	0.47 ± 0.37	0.10 - 0.84	2.12 ± 0.79	1.33 - 2.91	4.28 ± 2.10	2.18 - 6.38
	MONO # (10 ⁹ /L)	0.08 ± 0.07	0.01 - 0.15	0.16 ± 0.15	0.01 - 0.31	0.43 ± 0.40	0.03 - 0.83
	EO # (10 ⁹ /L)	0.58 ± 0.29	0.29 - 0.87	1.06 ± 0.56	0.50 - 1.62	3.11 ± 1.47	1.64 - 4.58
	BASO # (10 ⁹ /L)	0.34 ± 0.31	0.03 - 0.65	0.59 ± 0.56	0.03 - 1.15	1.93 ± 1.82	0.11 - 3.75
	NEUT%	61.0 ± 12.0	49.0 - 73.0	50.0 ± 12.0	38.0 - 62.0	54.5 ± 12.0	42.5 - 66.5
	LYMPH%	12.5 ± 9.0	3.5 - 21.5	27.0 ± 10.0	17.0 - 37.0	20.0 ± 10.0	10.0 - 30.0
	MONO%	2.0 ± 2.0	0.0 - 4.0	2.0 ± 2.0	0.0 - 4.0	2.0 ± 2.0	0.0 - 4.0
	EO%	15.5 ± 7.0	8.5 - 22.5	13.5 ± 7.0	6.5 - 20.5	14.5 ± 7.0	7.5 - 21.5
	BASO%	9.0 ± 8.5	0.50 - 17.5	7.5 ± 7.5	0.00 - 15.0	9.0 ± 9.0	0.00 - 18.0