



**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES
OPEN MODE ASSAY**

Expiration Date 2008-09-15		Quality Control Data Due Date #1: 4-Aug-08			Quality Control Data Due Date #2: 15-Sep-08					
Lot Number:		81770801		81770802		81770803				
Control:		L1:Level 1		L2:Level 2		L3:Level 3				
O P E N	PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
	RBC (10 ¹² /L)	2.31	2.22 - 2.40		4.32	4.19 - 4.45		5.22	5.06 - 5.38	
	HGB (g/dL)	5.7	5.5 - 5.9		11.9	11.5 - 12.3		16.2	15.7 - 16.7	
	HCT (%)	17.7	16.8 - 18.6		35.2	33.6 - 36.8		46.6	44.5 - 48.7	
	MCV (fL)	76.5	70.0 - 83.8		81.5	75.5 - 87.8		89.3	82.8 - 96.2	
	MCH (pg)	24.7	22.8 - 26.7		27.5	25.9 - 29.3		31.0	29.2 - 33.0	
	MCHC (g/dL)	32.3	29.4 - 35.3		33.7	31.4 - 36.5		34.7	32.3 - 37.5	
	PLT (10 ⁹ /L)	59	35 - 83		222	198 - 246		507	461 - 553	
	RDW-SD (fL)	43.4	39.1 - 47.7		43.8	39.4 - 48.2		44.3	39.9 - 48.7	
	RDW-CV (%)	15.9	14.3 - 17.5		15.3	13.8 - 16.8		14.4	13.0 - 15.8	
	MPV (fL)	9.2	8.5 - 9.9		9.6	9.0 - 10.2		9.8	9.2 - 10.4	
	WBC (10 ⁹ /L)	3.03	2.73 - 3.33		7.46	7.01 - 7.91		16.41	15.43 - 17.39	
	NEUT%	44.1	35.3 - 52.9		48.3	41.1 - 55.5		52.1	44.3 - 59.9	
	LYMPH%	34.3	20.6 - 48.0		29.5	23.6 - 35.4		24.2	19.4 - 29.0	
	MONO%	12.2	2.4 - 22.0		12.2	7.3 - 17.1		12.4	8.7 - 16.1	
	EO%	9.3	6.5 - 12.1		10.0	7.0 - 13.0		11.2	8.4 - 14.0	
	BASO%	65.1	45.6 - 84.6		69.9	48.9 - 90.9		78.3	58.7 - 97.9	
	NEUT# (10 ⁹ /L)	1.34	1.07 - 1.61		3.61	3.07 - 4.15		8.56	7.28 - 9.84	
	LYMPH# (10 ⁹ /L)	1.04	0.62 - 1.46		2.20	1.76 - 2.64		3.97	3.18 - 4.76	
	MONO# (10 ⁹ /L)	0.37	0.07 - 0.67		0.91	0.55 - 1.27		2.04	1.22 - 2.86	
EO# (10 ⁹ /L)	0.28	0.20 - 0.36		0.75	0.53 - 0.98		1.85	1.39 - 2.31		
BASO# (10 ⁹ /L)	1.97	1.38 - 2.56		5.21	3.65 - 6.77		12.85	9.64 - 16.06		
PLT-O (10 ⁹ /L)	54	30 - 78		214	182 - 246		524	445 - 603		
RET# (10 ¹² /L)	0.1663	0.1164 - 0.2162		0.1220	0.0854 - 0.1586		0.0494	0.0346 - 0.0642		
RET%	7.20	5.04 - 9.36		2.82	1.97 - 3.67		0.95	0.67 - 1.24		
IRF (%)	29.7	9.7 - 49.7		26.9	6.9 - 46.9		19.9	0.0 - 39.9		



**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES
CLOSED MODE ASSAY**

Expiration Date: 2008-09-15		Quality Control Data Due Date #1: 4-Aug-08			Quality Control Data Due Date #2: 15-Sep-08					
Lot Number:		81770801		81770802		81770803				
Control:		L1:Level 1		L2:Level 2		L3:Level 3				
C L O S E D	PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
	RBC (10 ¹² /L)	2.31	2.17	- 2.45	4.32	4.10	- 4.54	5.22	4.96	- 5.48
	HGB (g/dL)	5.7	5.4	- 6.0	11.9	11.3	- 12.5	16.2	15.4	- 17.0
	HCT (%)	17.7	16.5	- 18.9	35.2	33.1	- 37.3	46.6	43.8	- 49.4
	MCV (fL)	76.5	67.2	- 87.2	81.5	72.9	- 90.9	89.3	79.9	- 99.6
	MCH (pg)	24.7	21.9	- 27.8	27.5	24.9	- 30.4	31.0	28.1	- 34.3
	MCHC (g/dL)	32.3	28.3	- 36.7	33.7	30.3	- 37.8	34.7	31.2	- 38.8
	PLT (10 ⁹ /L)	58	29	- 87	213	181	- 245	472	401	- 542
	RDW-SD (fL)	43.4	39.1	- 47.7	43.8	39.4	- 48.2	44.3	39.9	- 48.7
	RDW-CV (%)	15.9	14.3	- 17.5	15.3	13.8	- 16.8	14.4	13.0	- 15.8
	MPV (fL)	9.2	8.5	- 9.9	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 ⁹ /L)	2.94	2.50	- 3.38	7.09	6.45	- 7.72	16.08	14.80	- 17.37
	NEUT%	44.0	35.2	- 52.8	48.6	41.3	- 55.9	51.5	43.8	- 59.2
	LYMPH%	34.3	20.6	- 48.1	29.2	23.3	- 35.0	24.7	19.7	- 29.6
	MONO%	12.6	2.5	- 22.7	12.1	7.2	- 16.9	12.3	8.6	- 16.0
	EO%	9.1	6.3	- 11.8	10.2	7.1	- 13.2	11.5	8.6	- 14.4
	BASO%	65.7	46.0	- 85.4	68.4	47.9	- 88.9	76.7	57.5	- 95.9
	NEUT# (10 ⁹ /L)	1.29	1.04	- 1.55	3.44	2.93	- 3.96	8.28	7.04	- 9.53
	LYMPH# (10 ⁹ /L)	1.01	0.61	- 1.41	2.07	1.65	- 2.48	3.97	3.18	- 4.76
	MONO# (10 ⁹ /L)	0.37	0.07	- 0.67	0.86	0.34	- 1.37	1.98	1.19	- 2.77
	EO# (10 ⁹ /L)	0.27	0.19	- 0.35	0.72	0.50	- 0.94	1.85	1.39	- 2.31
BASO# (10 ⁹ /L)	1.93	1.35	- 2.51	4.85	3.39	- 6.30	12.34	9.25	- 15.42	
PLT-O (10 ⁹ /L)	51	26	- 77	210	178	- 241	514	436	- 591	
RET# (10 ¹² /L)	0.1663	0.1164	- 0.2162	0.1220	0.0854	- 0.1586	0.0494	0.0346	- 0.0642	
RET%	7.20	5.04	- 9.36	2.82	1.97	- 3.67	0.95	0.67	- 1.24	
IRF (%)	29.7	9.7	- 49.7	26.9	6.9	- 46.9	19.9	0.0	- 39.9	