



**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:		81760801		81760802		81760803	
Control:		L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS		MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
O P E N	RBC (10 ¹² /L)	2.32	2.23 - 2.41	4.33	4.20 - 4.46	5.30	5.14 - 5.46
	HGB (g/dL)	5.7	5.5 - 5.9	12.1	11.7 - 12.5	15.8	15.3 - 16.3
	HCT (%)	17.6	16.7 - 18.5	35.6	34.0 - 37.2	46.0	43.9 - 48.1
	MCV (fL)	75.6	69.3 - 83.0	82.3	76.2 - 88.6	86.7	80.5 - 93.5
	MCH (pg)	24.5	22.7 - 26.6	28.0	26.3 - 29.7	29.9	28.1 - 31.7
	MCHC (g/dL)	32.4	29.6 - 35.5	34.0	31.5 - 36.7	34.5	31.9 - 37.0
	PLT (10 ⁹ /L)	58	35 - 81	210	187 - 233	492	448 - 536
	RDW-SD (fL)	44.2	39.8 - 48.6	43.8	39.4 - 48.2	43.4	39.1 - 47.7
	RDW-CV (%)	16.4	14.8 - 18.0	15.1	13.6 - 16.6	14.4	13.0 - 15.8
	MPV (fL)	9.0	8.3 - 9.7	9.4	8.8 - 10.0	9.6	9.0 - 10.2
	WBC (10 ⁹ /L)	3.05	2.75 - 3.36	7.11	6.68 - 7.54	16.10	15.13 - 17.07
	NEUT%	44.2	35.4 - 53.0	47.4	40.3 - 54.5	51.9	44.1 - 59.7
	LYMPH%	35.4	21.2 - 49.6	30.6	24.5 - 36.7	25.5	20.4 - 30.6
	MONO%	11.4	2.3 - 20.5	11.8	7.1 - 16.5	11.6	8.1 - 15.1
	EO%	9.0	6.3 - 11.7	10.1	7.1 - 13.1	11.0	8.3 - 13.8
	BASO%	63.7	44.6 - 82.8	68.7	48.1 - 89.3	77.5	58.1 - 96.9
	NEUT# (10 ⁹ /L)	1.35	1.08 - 1.62	3.37	2.86 - 3.88	8.36	7.11 - 9.61
	LYMPH# (10 ⁹ /L)	1.08	0.65 - 1.51	2.17	1.74 - 2.60	4.11	3.29 - 4.93
	MONO# (10 ⁹ /L)	0.35	0.07 - 0.63	0.84	0.50 - 1.18	1.87	1.12 - 2.62
	EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.72	0.50 - 0.94	1.77	1.33 - 2.21
BASO# (10 ⁹ /L)	1.94	1.36 - 2.52	4.88	3.42 - 6.34	12.48	9.36 - 15.60	
PLT-O (10 ⁹ /L)	53	29 - 77	201	171 - 231	516	439 - 593	
RET# (10 ¹² /L)	0.1681	0.1177 - 0.2185	0.1242	0.0869 - 0.1615	0.0483	0.0338 - 0.0628	
RET%	7.23	5.06 - 9.40	2.87	2.01 - 3.73	0.91	0.64 - 1.18	
IRF (%)	32.2	12.2 - 52.2	30.5	10.5 - 50.5	22.4	2.4 - 42.4	



**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:		81760801		81760802		81760803				
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)	2.32	2.18	- 2.46	4.33	4.11	- 4.55	5.30	5.04	- 5.57
	HGB (g/dL)	5.7	5.4	- 6.0	12.1	11.5	- 12.7	15.8	15.0	- 16.6
	HCT (%)	17.6	16.4	- 18.8	35.6	33.5	- 37.7	46.0	43.2	- 48.8
	MCV (fL)	75.6	66.6	- 86.4	82.3	73.6	- 91.7	86.7	77.7	- 96.8
	MCH (pg)	24.5	21.8	- 27.7	28.0	25.3	- 30.9	29.9	27.0	- 32.9
	MCHC (g/dL)	32.4	28.5	- 36.9	34.0	30.5	- 38.0	34.5	30.8	- 38.4
	PLT (10 ⁹ /L)	57	28	- 85	202	171	- 232	458	389	- 526
	RDW-SD (fL)	44.2	39.8	- 48.6	43.8	39.4	- 48.2	43.4	39.1	- 47.7
	RDW-CV (%)	16.4	14.8	- 18.0	15.1	13.6	- 16.6	14.4	13.0	- 15.8
	MPV (fL)	9.0	8.3	- 9.7	9.4	8.8	- 10.0	9.6	9.0	- 10.2
	WBC (10 ⁹ /L)	2.96	2.51	- 3.40	6.75	6.15	- 7.36	15.78	14.52	- 17.04
	NEUT%	44.1	35.3	- 52.9	47.9	40.7	- 55.1	51.2	43.6	- 58.9
	LYMPH%	35.4	21.2	- 49.6	30.2	24.2	- 36.2	26.0	20.8	- 31.3
	MONO%	11.8	2.4	- 21.3	11.7	7.0	- 16.4	11.5	8.0	- 14.9
	EO%	8.7	6.1	- 11.3	10.2	7.2	- 13.3	11.2	8.4	- 14.0
	BASO%	64.3	45.0	- 83.5	67.2	47.0	- 87.3	75.9	57.0	- 94.9
	NEUT# (10 ⁹ /L)	1.30	1.04	- 1.57	3.23	2.75	- 3.72	8.08	6.87	- 9.30
	LYMPH# (10 ⁹ /L)	1.05	0.63	- 1.47	2.04	1.63	- 2.45	4.11	3.29	- 4.93
	MONO# (10 ⁹ /L)	0.35	0.07	- 0.63	0.79	0.32	- 1.26	1.81	1.09	- 2.54
	EO# (10 ⁹ /L)	0.26	0.18	- 0.33	0.69	0.48	- 0.90	1.77	1.33	- 2.21
	BASO# (10 ⁹ /L)	1.90	1.33	- 2.47	4.54	3.18	- 5.90	11.98	8.99	- 14.98
	PLT-O (10 ⁹ /L)	50	25	- 76	197	167	- 227	506	430	- 582
	RET# (10 ¹² /L)	0.1681	0.1177	- 0.2185	0.1242	0.0869	- 0.1615	0.0483	0.0338	- 0.0628
RET%	7.23	5.06	- 9.40	2.87	2.01	- 3.73	0.91	0.64	- 1.18	
IRF (%)	32.2	12.2	- 52.2	30.5	10.5	- 50.5	22.4	2.4	- 42.4	