



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

Expiration Date: 2009-01-05		Quality Control Data Due Date #1: 24-Nov-08			Quality Control Data Due Date #2: 5-Jan-09				
Lot Number:		82890801		82890802		82890803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
OPEN	RBC (10 ¹² /L)	2.33	2.24 - 2.42	4.37	4.24 - 4.50	5.36	5.20 - 5.52		
	HGB (g/dL)	5.9	5.7 - 6.1	12.2	11.8 - 12.6	16.4	15.9 - 16.9		
	HCT (%)	18.0	17.1 - 18.9	36.0	34.4 - 37.6	47.3	45.2 - 49.4		
	MCV (fL)	77.2	70.6 - 84.5	82.4	76.4 - 88.7	88.2	81.8 - 95.1		
	MCH (pg)	25.3	23.4 - 27.4	28.0	26.3 - 29.6	30.6	28.8 - 32.5		
	MCHC (g/dL)	32.8	30.0 - 35.9	34.0	31.5 - 36.6	34.7	32.2 - 37.4		
	PLT (10 ⁹ /L)	56	34 - 78	218	194 - 242	504	459 - 549		
	RDW-SD (fL)	47.6	42.8 - 52.4	45.3	40.8 - 49.8	45.7	41.1 - 50.3		
	RDW-CV (%)	17.2	15.5 - 18.9	15.6	14.0 - 17.2	15.0	13.5 - 16.5		
	MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.5	8.9 - 10.1		
	WBC (10 ⁹ /L)	2.93	2.64 - 3.22	7.15	6.72 - 7.58	16.04	15.08 - 17.00		
	NEUT%	45.2	36.2 - 54.2	48.0	40.8 - 55.2	51.8	44.0 - 59.6		
	LYMPH%	34.6	20.8 - 48.4	29.6	23.7 - 35.5	24.1	19.3 - 28.9		
	MONO%	10.8	2.2 - 19.4	12.7	7.6 - 17.8	13.2	9.2 - 17.2		
	EO%	9.5	6.7 - 12.4	9.7	6.8 - 12.6	10.9	8.2 - 13.6		
	BASO%	64.9	45.4 - 84.4	69.3	48.5 - 90.1	78.3	58.7 - 97.9		
	NEUT# (10 ⁹ /L)	1.33	1.06 - 1.60	3.43	2.92 - 3.94	8.31	7.06 - 9.56		
	LYMPH# (10 ⁹ /L)	1.01	0.61 - 1.41	2.11	1.69 - 2.53	3.86	3.09 - 4.63		
	MONO# (10 ⁹ /L)	0.32	0.06 - 0.58	0.91	0.55 - 1.27	2.12	1.27 - 2.97		
	EO# (10 ⁹ /L)	0.28	0.20 - 0.36	0.70	0.49 - 0.91	1.74	1.31 - 2.18		
BASO# (10 ⁹ /L)	1.91	1.34 - 2.48	4.96	3.47 - 6.45	12.56	9.42 - 15.70			
PLT-O (10 ⁹ /L)	51	28 - 74	204	173 - 235	517	439 - 595			
RET# (10 ¹² /L)	0.1610	0.1127 - 0.2093	0.1265	0.0886 - 0.1645	0.0555	0.0389 - 0.0722			
RET%	6.90	4.83 - 8.97	2.90	2.03 - 3.77	1.04	0.73 - 1.35			
IRF (%)	42.3	22.3 - 62.3	39.8	19.8 - 59.8	30.3	10.3 - 50.3			



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

Expiration Date: 2009-01-05		Quality Control Data Due Date #1: 24-Nov-08			Quality Control Data Due Date #2: 5-Jan-09				
Lot Number:		82890801		82890802		82890803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
C L O S E D	RBC (10 ¹² /L)	2.33	2.19 - 2.47	4.37	4.15 - 4.59	5.36	5.09 - 5.63		
	HGB (g/dL)	5.9	5.5 - 6.3	12.2	11.6 - 12.8	16.4	15.6 - 17.2		
	HCT (%)	18.0	16.7 - 19.3	36.0	33.8 - 38.2	47.3	44.5 - 50.1		
	MCV (fL)	77.2	67.8 - 87.9	82.4	73.7 - 91.9	88.2	79.0 - 98.5		
	MCH (pg)	25.3	22.5 - 28.6	28.0	25.3 - 30.9	30.6	27.7 - 33.8		
	MCHC (g/dL)	32.8	28.8 - 37.4	34.0	30.4 - 37.9	34.7	31.1 - 38.7		
	PLT (10 ⁹ /L)	55	27 - 82	209	178 - 241	469	398 - 539		
	RDW-SD (fL)	47.6	42.8 - 52.4	45.3	40.8 - 49.8	45.7	41.1 - 50.3		
	RDW-CV (%)	17.2	15.5 - 18.9	15.6	14.0 - 17.2	15.0	13.5 - 16.5		
	MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.5	8.9 - 10.1		
	WBC (10 ⁹ /L)	2.84	2.42 - 3.27	6.79	6.18 - 7.40	15.72	14.46 - 16.98		
	NEUT%	44.9	35.9 - 53.9	48.3	41.1 - 55.6	51.3	43.6 - 59.0		
	LYMPH%	34.5	20.7 - 48.3	29.2	23.4 - 35.0	24.6	19.6 - 29.5		
	MONO%	11.3	2.3 - 20.3	12.6	7.6 - 17.6	13.1	9.2 - 17.0		
	EO%	9.4	6.6 - 12.2	9.9	6.9 - 12.9	11.1	8.3 - 13.8		
	BASO%	65.9	46.1 - 85.6	67.9	47.5 - 88.3	76.7	57.5 - 95.9		
	NEUT# (10 ⁹ /L)	1.28	1.02 - 1.53	3.28	2.79 - 3.77	8.06	6.85 - 9.27		
	LYMPH# (10 ⁹ /L)	0.98	0.59 - 1.37	1.98	1.59 - 2.38	3.86	3.09 - 4.63		
	MONO# (10 ⁹ /L)	0.32	0.06 - 0.58	0.86	0.34 - 1.37	2.06	1.23 - 2.88		
	EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.67	0.47 - 0.87	1.74	1.31 - 2.18		
BASO# (10 ⁹ /L)	1.87	1.31 - 2.43	4.61	3.23 - 6.00	12.06	9.04 - 15.07			
PLT-O (10 ⁹ /L)	48	24 - 73	200	170 - 230	507	431 - 583			
RET# (10 ¹² /L)	0.1610	0.1127 - 0.2093	0.1265	0.0886 - 0.1645	0.0555	0.0389 - 0.0722			
RET%	6.90	4.83 - 8.97	2.90	2.03 - 3.77	1.04	0.73 - 1.35			
IRF (%)	42.3	22.3 - 62.3	39.8	19.8 - 59.8	30.3	10.3 - 50.3			