



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

Expiration Date 2008-11-10		Quality Control Data Due Date #1: 29-Sep-08			Quality Control Data Due Date #2: 10-Nov-08				
Lot Number:		82340801		82340802		82340803			
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)	2.33	2.24 - 2.42	4.37	4.24 - 4.50	5.26	5.10 - 5.42		
	HGB (g/dL)	5.8	5.6 - 6.0	11.9	11.5 - 12.3	16.0	15.5 - 16.5		
	HCT (%)	18.0	17.1 - 18.9	35.1	33.5 - 36.7	46.6	44.5 - 48.7		
	MCV (fL)	77.5	70.6 - 84.5	80.4	74.5 - 86.5	88.7	82.1 - 95.4		
	MCH (pg)	25.1	23.0 - 27.0	27.1	25.6 - 28.9	30.5	28.6 - 32.3		
	MCHC (g/dL)	32.4	29.5 - 35.3	33.8	31.5 - 36.6	34.4	31.9 - 37.0		
	PLT (10 ⁹ /L)	60	36 - 84	216	192 - 240	512	466 - 558		
	RDW-SD (fL)	45.0	40.5 - 49.5	43.7	39.3 - 48.1	44.6	40.1 - 49.1		
	RDW-CV (%)	16.2	14.6 - 17.8	15.5	14.0 - 17.1	14.6	13.1 - 16.1		
	MPV (fL)	9.5	8.7 - 10.3	9.6	9.0 - 10.2	9.8	9.2 - 10.4		
	WBC (10 ⁹ /L)	3.04	2.74 - 3.34	7.65	7.19 - 8.11	16.88	15.87 - 17.89		
	NEUT%	45.4	36.3 - 54.5	49.7	42.2 - 57.2	52.7	44.8 - 60.6		
	LYMPH%	33.4	20.0 - 46.8	28.9	23.1 - 34.7	24.2	19.4 - 29.0		
	MONO%	11.9	2.4 - 21.4	11.1	6.7 - 15.5	12.0	8.4 - 15.6		
	EO%	9.3	6.5 - 12.1	10.3	7.2 - 13.4	11.1	8.3 - 13.9		
	BASO%	65.0	45.5 - 84.5	70.4	49.3 - 91.5	79.0	59.3 - 98.8		
	NEUT# (10 ⁹ /L)	1.38	1.10 - 1.66	3.81	3.24 - 4.38	8.90	7.57 - 10.24		
	LYMPH# (10 ⁹ /L)	1.02	0.61 - 1.43	2.21	1.77 - 2.65	4.07	3.26 - 4.88		
	MONO# (10 ⁹ /L)	0.36	0.07 - 0.65	0.85	0.51 - 1.19	2.03	1.22 - 2.84		
	EO# (10 ⁹ /L)	0.28	0.20 - 0.36	0.79	0.55 - 1.03	1.88	1.41 - 2.35		
BASO# (10 ⁹ /L)	1.97	1.38 - 2.56	5.39	3.77 - 7.01	13.34	10.01 - 16.68			
PLT-O (10 ⁹ /L)	51	28 - 74	202	172 - 232	528	449 - 607			
RET# (10 ¹² /L)	0.1497	0.1048 - 0.1946	0.1104	0.0773 - 0.1435	0.0492	0.0344 - 0.0640			
RET%	6.43	4.50 - 8.36	2.53	1.77 - 3.29	0.93	0.65 - 1.21			
IRF (%)	28.6	8.6 - 48.6	25.3	5.3 - 45.3	20.2	0.2 - 40.2			



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

Expiration Date: 2008-11-10		Quality Control Data Due Date #1: 29-Sep-08			Quality Control Data Due Date #2: 10-Nov-08					
Lot Number:		82340801		82340802		82340803				
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)	2.33	2.19	- 2.47	4.37	4.15	- 4.59	5.26	5.00	- 5.52
	HGB (g/dL)	5.8	5.5	- 6.1	11.9	11.3	- 12.5	16.0	15.2	- 16.8
	HCT (%)	18.0	16.7	- 19.3	35.1	33.0	- 37.2	46.6	43.8	- 49.4
	MCV (fL)	77.5	67.8	- 87.9	80.4	71.9	- 89.6	88.7	79.3	- 98.9
	MCH (pg)	25.1	22.1	- 28.1	27.1	24.6	- 30.1	30.5	27.5	- 33.6
	MCHC (g/dL)	32.4	28.3	- 36.7	33.8	30.4	- 37.9	34.4	30.8	- 38.4
	PLT (10 ⁹ /L)	59	29	- 88	207	176	- 238	476	405	- 548
	RDW-SD (fL)	45.0	40.5	- 49.5	43.7	39.3	- 48.1	44.6	40.1	- 49.1
	RDW-CV (%)	16.2	14.6	- 17.8	15.5	14.0	- 17.1	14.6	13.1	- 16.1
	MPV (fL)	9.5	8.7	- 10.3	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 ⁹ /L)	2.95	2.51	- 3.39	7.27	6.61	- 7.92	16.54	15.22	- 17.87
	NEUT%	45.2	36.2	- 54.3	50.0	42.5	- 57.5	52.1	44.3	- 59.9
	LYMPH%	33.6	20.1	- 47.0	28.6	22.9	- 34.3	24.6	19.7	- 29.5
	MONO%	12.2	2.4	- 22.0	11.0	6.6	- 15.4	11.9	8.3	- 15.5
	EO%	9.0	6.3	- 11.7	10.4	7.3	- 13.6	11.4	8.5	- 14.2
	BASO%	65.5	45.8	- 85.1	69.0	48.3	- 89.7	77.4	58.1	- 96.8
	NEUT# (10 ⁹ /L)	1.33	1.07	- 1.60	3.63	3.09	- 4.18	8.62	7.33	- 9.92
	LYMPH# (10 ⁹ /L)	0.99	0.59	- 1.39	2.08	1.66	- 2.49	4.07	3.26	- 4.88
	MONO# (10 ⁹ /L)	0.36	0.07	- 0.65	0.80	0.32	- 1.28	1.97	1.18	- 2.76
	EO# (10 ⁹ /L)	0.27	0.19	- 0.35	0.76	0.53	- 0.99	1.88	1.41	- 2.35
	BASO# (10 ⁹ /L)	1.93	1.35	- 2.51	5.01	3.51	- 6.52	12.81	9.60	- 16.01
	PLT-O (10 ⁹ /L)	48	24	- 73	198	168	- 228	517	440	- 595
	RET# (10 ¹² /L)	0.1497	0.1048	- 0.1946	0.1104	0.0773	- 0.1435	0.0492	0.0344	- 0.0640
RET%	6.43	4.50	- 8.36	2.53	1.77	- 3.29	0.93	0.65	- 1.21	
IRF (%)	28.6	8.6	- 48.6	25.3	5.3	- 45.3	20.2	0.2	- 40.2	