



**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:		82320801		82320802		82320803				
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)	2.35	2.26	- 2.44	4.38	4.25	- 4.51	5.26	5.10	- 5.42
	HGB (g/dL)	5.7	5.5	- 5.9	12.3	11.9	- 12.7	16.6	16.1	- 17.1
	HCT (%)	17.7	16.8	- 18.6	36.4	34.8	- 38.0	48.3	46.1	- 50.5
	MCV (fL)	75.4	68.8	- 82.4	83.1	77.1	- 89.5	91.7	85.1	- 98.9
	MCH (pg)	24.4	22.4	- 26.3	28.1	26.4	- 29.8	31.5	29.7	- 33.5
	MCHC (g/dL)	32.4	29.4	- 35.3	33.8	31.4	- 36.4	34.3	31.9	- 37.1
	PLT (10 ⁹ /L)	58	35	- 81	213	190	- 236	488	444	- 532
	RDW-SD (fL)	47.6	42.8	- 52.4	44.7	40.2	- 49.2	46.3	41.7	- 50.9
	RDW-CV (%)	17.5	15.8	- 19.3	15.3	13.8	- 16.8	14.6	13.1	- 16.1
	MPV (fL)	9.5	8.7	- 10.3	9.7	9.1	- 10.3	9.9	9.3	- 10.5
	WBC (10 ⁹ /L)	3.06	2.75	- 3.37	7.31	6.87	- 7.75	17.01	15.99	- 18.03
	NEUT%	44.7	35.8	- 53.6	47.4	40.3	- 54.5	54.1	46.0	- 62.2
	LYMPH%	33.1	19.9	- 46.3	30.1	24.1	- 36.1	23.0	18.4	- 27.6
	MONO%	13.1	2.6	- 23.6	12.2	7.3	- 17.1	12.0	8.4	- 15.6
	EO%	9.2	6.4	- 12.0	10.3	7.2	- 13.4	10.9	8.2	- 13.6
	BASO%	65.5	45.9	- 85.2	69.0	48.3	- 89.7	79.8	59.9	- 99.8
	NEUT# (10 ⁹ /L)	1.37	1.10	- 1.64	3.46	2.94	- 3.98	9.20	7.82	- 10.58
	LYMPH# (10 ⁹ /L)	1.01	0.61	- 1.41	2.20	1.76	- 2.64	3.91	3.13	- 4.69
	MONO# (10 ⁹ /L)	0.40	0.08	- 0.72	0.89	0.53	- 1.25	2.05	1.23	- 2.87
	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)	2.00	1.40	- 2.60	5.04	3.53	- 6.55	13.57	10.18	- 16.96	
PLT-O (10 ⁹ /L)	52	29	- 75	203	173	- 233	505	429	- 581	
RET# (10 ¹² /L)	0.1619	0.1133	- 0.2105	0.1162	0.0813	- 0.1511	0.0520	0.0364	- 0.0676	
RET%	6.90	4.83	- 8.97	2.65	1.86	- 3.45	0.99	0.69	- 1.29	
IRF (%)	28.4	8.4	- 48.4	23.7	3.7	- 43.7	18.4	0.0	- 38.4	



**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:		82320801		82320802		82320803				
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)	2.35	2.21	- 2.49	4.38	4.16	- 4.60	5.26	5.00	- 5.52
	HGB (g/dL)	5.7	5.4	- 6.0	12.3	11.7	- 12.9	16.6	15.8	- 17.4
	HCT (%)	17.7	16.5	- 18.9	36.4	34.2	- 38.6	48.3	45.4	- 51.2
	MCV (fL)	75.4	66.1	- 85.7	83.1	74.4	- 92.7	91.7	82.2	- 102.5
	MCH (pg)	24.4	21.5	- 27.4	28.1	25.4	- 31.0	31.5	28.6	- 34.9
	MCHC (g/dL)	32.4	28.3	- 36.7	33.8	30.3	- 37.7	34.3	30.8	- 38.4
	PLT (10 ⁹ /L)	57	28	- 85	204	174	- 235	454	386	- 522
	RDW-SD (fL)	47.6	42.8	- 52.4	44.7	40.2	- 49.2	46.3	41.7	- 50.9
	RDW-CV (%)	17.5	15.8	- 19.3	15.3	13.8	- 16.8	14.6	13.1	- 16.1
	MPV (fL)	9.5	8.7	- 10.3	9.7	9.1	- 10.3	9.9	9.3	- 10.5
	WBC (10 ⁹ /L)	2.97	2.52	- 3.41	6.94	6.32	- 7.57	16.67	15.34	- 18.00
	NEUT%	44.6	35.6	- 53.5	47.8	40.6	- 55.0	53.5	45.5	- 61.5
	LYMPH%	33.0	19.8	- 46.2	29.8	23.8	- 35.7	23.5	18.8	- 28.1
	MONO%	13.5	2.7	- 24.3	12.0	7.2	- 16.9	11.9	8.4	- 15.5
	EO%	9.0	6.3	- 11.7	10.4	7.3	- 13.5	11.1	8.3	- 13.9
	BASO%	66.0	46.2	- 85.8	67.5	47.2	- 87.7	78.1	58.6	- 97.7
	NEUT# (10 ⁹ /L)	1.32	1.06	- 1.59	3.32	2.82	- 3.82	8.92	7.58	- 10.26
	LYMPH# (10 ⁹ /L)	0.98	0.59	- 1.37	2.07	1.65	- 2.48	3.91	3.13	- 4.69
	MONO# (10 ⁹ /L)	0.40	0.08	- 0.72	0.84	0.33	- 1.34	1.99	1.19	- 2.78
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)	1.96	1.37	- 2.55	4.69	3.28	- 6.09	13.03	9.77	- 16.28	
PLT-O (10 ⁹ /L)	49	25	- 74	199	169	- 229	495	421	- 569	
RET# (10 ¹² /L)	0.1619	0.1133	- 0.2105	0.1162	0.0813	- 0.1511	0.0520	0.0364	- 0.0676	
RET%	6.90	4.83	- 8.97	2.65	1.86	- 3.45	0.99	0.69	- 1.29	
IRF (%)	28.4	8.4	- 48.4	23.7	3.7	- 43.7	18.4	0.0	- 38.4	