



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
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:		82330801		82330802		82330803				
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)	2.34	2.25	- 2.43	4.42	4.29	- 4.55	5.24	5.08	- 5.40
	HGB (g/dL)	5.9	5.7	- 6.1	12.4	12.0	- 12.8	16.2	15.7	- 16.7
	HCT (%)	17.8	16.9	- 18.7	36.3	34.7	- 37.9	45.9	43.8	- 48.0
	MCV (fL)	76.2	69.5	- 83.2	82.1	76.1	- 88.5	87.7	81.2	- 94.4
	MCH (pg)	25.1	23.3	- 27.3	28.1	26.4	- 29.8	30.9	29.1	- 32.8
	MCHC (g/dL)	33.0	30.3	- 36.3	34.2	31.7	- 36.8	35.2	32.8	- 38.1
	PLT (10 ⁹ /L)	56	34	- 78	218	194	- 242	518	471	- 565
	RDW-SD (fL)	45.7	41.1	- 50.3	43.8	39.4	- 48.2	44.6	40.1	- 49.1
	RDW-CV (%)	16.5	14.9	- 18.2	14.8	13.3	- 16.3	14.1	12.7	- 15.5
	MPV (fL)	9.3	8.6	- 10.0	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 ⁹ /L)	3.01	2.71	- 3.31	7.06	6.64	- 7.48	16.44	15.45	- 17.43
	NEUT%	44.8	35.8	- 53.8	48.6	41.3	- 55.9	53.6	45.6	- 61.6
	LYMPH%	34.3	20.6	- 48.0	29.8	23.8	- 35.8	23.9	19.1	- 28.7
	MONO%	11.1	2.2	- 20.0	11.0	6.6	- 15.4	11.2	7.8	- 14.6
	EO%	9.8	6.9	- 12.7	10.6	7.4	- 13.8	11.3	8.5	- 14.1
BASO%	65.0	45.5	- 84.5	69.6	48.7	- 90.5	75.9	56.9	- 94.9	
NEUT# (10 ⁹ /L)	1.35	1.08	- 1.62	3.43	2.92	- 3.94	8.81	7.49	- 10.13	
LYMPH# (10 ⁹ /L)	1.03	0.62	- 1.44	2.11	1.69	- 2.53	3.93	3.14	- 4.72	
MONO# (10 ⁹ /L)	0.33	0.07	- 0.59	0.78	0.31	- 1.25	1.84	1.10	- 2.58	
EO# (10 ⁹ /L)	0.30	0.21	- 0.39	0.74	0.52	- 0.96	1.86	1.40	- 2.33	
BASO# (10 ⁹ /L)	1.95	1.37	- 2.54	4.91	3.44	- 6.38	12.48	9.36	- 15.60	



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
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:		82330801		82330802		82330803			
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)	2.34	2.20 - 2.48	4.42	4.20 - 4.64	5.24	4.98	- 5.50	
	HGB (g/dL)	5.9	5.5 - 6.3	12.4	11.8 - 13.0	16.2	15.4	- 17.0	
	HCT (%)	17.8	16.6 - 19.0	36.3	34.1 - 38.5	45.9	43.1	- 48.7	
	MCV (fL)	76.2	66.7 - 86.6	82.1	73.5 - 91.6	87.7	78.4	- 97.7	
	MCH (pg)	25.1	22.4 - 28.4	28.1	25.4 - 31.0	30.9	28.0	- 34.2	
	MCHC (g/dL)	33.0	29.1 - 37.8	34.2	30.6 - 38.2	35.2	31.6	- 39.4	
	PLT (10 ⁹ /L)	55	27 - 82	209	178 - 241	482	409	- 554	
	RDW-SD (fL)	45.7	41.1 - 50.3	43.8	39.4 - 48.2	44.6	40.1	- 49.1	
	RDW-CV (%)	16.5	14.9 - 18.2	14.8	13.3 - 16.3	14.1	12.7	- 15.5	
	MPV (fL)	9.3	8.6 - 10.0	9.6	9.0 - 10.2	9.8	9.2	- 10.4	
	WBC (10 ⁹ /L)	2.92	2.48 - 3.36	6.71	6.10 - 7.31	16.11	14.82	- 17.40	
	NEUT%	44.7	35.8 - 53.7	48.9	41.6 - 56.2	53.0	45.0	- 60.9	
	LYMPH%	34.2	20.5 - 47.9	29.6	23.7 - 35.5	24.4	19.5	- 29.3	
	MONO%	11.3	2.3 - 20.3	10.9	6.6 - 15.3	11.1	7.8	- 14.4	
	EO%	9.8	6.8 - 12.7	10.6	7.4 - 13.8	11.5	8.7	- 14.4	
	BASO%	65.5	45.8 - 85.1	68.1	47.7 - 88.5	74.4	55.8	- 93.0	
	NEUT# (10 ⁹ /L)	1.31	1.04 - 1.57	3.28	2.79 - 3.77	8.54	7.26	- 9.82	
	LYMPH# (10 ⁹ /L)	1.00	0.60 - 1.40	1.98	1.59 - 2.38	3.93	3.14	- 4.72	
	MONO# (10 ⁹ /L)	0.33	0.07 - 0.59	0.73	0.29 - 1.17	1.78	1.07	- 2.50	
	EO# (10 ⁹ /L)	0.29	0.20 - 0.37	0.71	0.50 - 0.92	1.86	1.40	- 2.33	
BASO# (10 ⁹ /L)	1.91	1.34 - 2.48	4.57	3.20 - 5.94	11.98	8.99	- 14.98		