



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
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	
OPEN	RBC (10 ¹² /L)	2.31	2.22	- 2.40	4.33	4.20	- 4.46	5.27	5.11	- 5.43
	HGB (g/dL)	5.7	5.5	- 5.9	12.2	11.8	- 12.6	15.9	15.4	- 16.4
	HCT (%)	17.3	16.4	- 18.2	35.4	33.8	- 37.0	45.2	43.2	- 47.2
	MCV (fL)	75.0	68.4	- 81.9	81.8	75.8	- 88.1	85.7	79.5	- 92.4
	MCH (pg)	24.8	22.8	- 26.7	28.1	26.5	- 29.9	30.2	28.4	- 32.0
	MCHC (g/dL)	33.1	30.1	- 36.1	34.3	32.0	- 37.2	35.2	32.7	- 37.9
	PLT (10 ⁹ /L)	60	36	- 84	223	198	- 248	522	475	- 569
	RDW-SD (fL)	43.4	39.1	- 47.7	43.1	38.8	- 47.4	42.4	38.2	- 46.6
	RDW-CV (%)	15.9	14.3	- 17.5	14.5	13.1	- 16.0	13.7	12.3	- 15.1
	MPV (fL)	9.0	8.3	- 9.7	9.2	8.6	- 9.8	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	3.15	2.84	- 3.47	6.95	6.53	- 7.37	16.20	15.23	- 17.17
	NEUT%	44.1	35.3	- 52.9	48.2	41.0	- 55.4	52.8	44.9	- 60.7
	LYMPH%	35.4	21.2	- 49.6	30.0	24.0	- 36.0	25.0	20.0	- 30.0
	MONO%	10.9	2.2	- 19.6	11.1	6.7	- 15.5	10.9	7.6	- 14.2
	EO%	9.6	6.7	- 12.5	10.7	7.5	- 13.9	11.3	8.5	- 14.1
	BASO%	63.8	44.7	- 82.9	69.4	48.6	- 90.2	75.0	56.3	- 93.8
	NEUT# (10 ⁹ /L)	1.39	1.11	- 1.67	3.35	2.85	- 3.85	8.55	7.27	- 9.83
	LYMPH# (10 ⁹ /L)	1.11	0.67	- 1.55	2.08	1.66	- 2.50	4.05	3.24	- 4.86
MONO# (10 ⁹ /L)	0.34	0.07	- 0.61	0.77	0.31	- 1.23	1.77	1.06	- 2.48	
EO# (10 ⁹ /L)	0.30	0.21	- 0.39	0.74	0.52	- 0.96	1.83	1.37	- 2.29	
BASO# (10 ⁹ /L)	2.01	1.41	- 2.61	4.83	3.38	- 6.28	12.16	9.12	- 15.20	



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
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		
PARAMETERS		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
C L O S E D	RBC (10 ¹² /L)	2.31	2.17	- 2.45	4.33	4.11	- 4.55	5.27	5.01	- 5.53
	HGB (g/dL)	5.7	5.4	- 6.0	12.2	11.6	- 12.8	15.9	15.1	- 16.7
	HCT (%)	17.3	16.1	- 18.5	35.4	33.3	- 37.5	45.2	42.5	- 47.9
	MCV (fL)	75.0	65.7	- 85.2	81.8	73.2	- 91.2	85.7	76.8	- 95.7
	MCH (pg)	24.8	21.9	- 27.8	28.1	25.5	- 31.1	30.2	27.3	- 33.3
	MCHC (g/dL)	33.1	28.9	- 37.6	34.3	30.9	- 38.5	35.2	31.5	- 39.3
	PLT (10 ⁹ /L)	59	29	- 88	214	182	- 246	485	413	- 558
	RDW-SD (fL)	43.4	39.1	- 47.7	43.1	38.8	- 47.4	42.4	38.2	- 46.6
	RDW-CV (%)	15.9	14.3	- 17.5	14.5	13.1	- 16.0	13.7	12.3	- 15.1
	MPV (fL)	9.0	8.3	- 9.7	9.2	8.6	- 9.8	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	3.06	2.60	- 3.51	6.60	6.01	- 7.20	15.88	14.61	- 17.15
	NEUT%	44.3	35.4	- 53.2	48.7	41.4	- 56.0	52.1	44.3	- 60.0
	LYMPH%	35.2	21.1	- 49.3	29.6	23.7	- 35.5	25.5	20.4	- 30.6
	MONO%	11.1	2.2	- 20.0	11.0	6.6	- 15.3	10.8	7.6	- 14.1
	EO%	9.3	6.5	- 12.1	10.8	7.5	- 14.0	11.5	8.6	- 14.4
	BASO%	64.5	45.1	- 83.8	68.0	47.6	- 88.4	73.5	55.1	- 91.9
	NEUT# (10 ⁹ /L)	1.35	1.08	- 1.62	3.21	2.73	- 3.70	8.28	7.04	- 9.52
	LYMPH# (10 ⁹ /L)	1.08	0.65	- 1.51	1.96	1.56	- 2.35	4.05	3.24	- 4.86
	MONO# (10 ⁹ /L)	0.34	0.07	- 0.61	0.72	0.29	- 1.16	1.72	1.03	- 2.40
	EO# (10 ⁹ /L)	0.29	0.20	- 0.37	0.71	0.50	- 0.92	1.83	1.37	- 2.29
BASO# (10 ⁹ /L)	1.97	1.38	- 2.56	4.49	3.14	- 5.84	11.67	8.76	- 14.59	