



**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:		81770801		81770802		81770803				
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)	2.29	2.20	- 2.38	4.33	4.20	- 4.46	5.20	5.04	- 5.36
	HGB (g/dL)	5.7	5.5	- 5.9	11.9	11.5	- 12.3	16.2	15.7	- 16.7
	HCT (%)	17.3	16.4	- 18.2	35.0	33.4	- 36.6	45.9	43.8	- 48.0
	MCV (fL)	75.8	69.0	- 82.6	80.9	74.9	- 87.1	88.3	81.8	- 95.1
	MCH (pg)	25.0	23.0	- 27.0	27.6	25.9	- 29.2	31.2	29.3	- 33.1
	MCHC (g/dL)	33.0	30.1	- 36.1	34.1	31.6	- 36.7	35.3	32.8	- 38.1
	PLT (10 ⁹ /L)	60	36	- 84	235	209	- 261	542	493	- 591
	RDW-SD (fL)	42.6	38.3	- 46.9	42.9	38.6	- 47.2	44.1	39.7	- 48.5
	RDW-CV (%)	15.6	14.0	- 17.2	14.6	13.1	- 16.1	13.7	12.3	- 15.1
	MPV (fL)	9.1	8.4	- 9.8	9.5	8.9	- 10.1	9.6	9.0	- 10.2
	WBC (10 ⁹ /L)	3.10	2.79	- 3.41	7.34	6.90	- 7.78	16.34	15.36	- 17.32
	NEUT%	44.5	35.6	- 53.4	48.9	41.6	- 56.2	52.9	45.0	- 60.8
	LYMPH%	34.5	20.7	- 48.3	29.0	23.2	- 34.8	24.0	19.2	- 28.8
	MONO%	11.2	2.2	- 20.2	11.6	7.0	- 16.2	11.8	8.3	- 15.3
	EO%	9.8	6.9	- 12.7	10.5	7.4	- 13.7	11.4	8.6	- 14.3
BASO%	65.4	45.8	- 85.0	70.6	49.4	- 91.8	75.7	56.8	- 94.6	
NEUT# (10 ⁹ /L)	1.38	1.10	- 1.66	3.59	3.05	- 4.13	8.64	7.34	- 9.94	
LYMPH# (10 ⁹ /L)	1.07	0.64	- 1.50	2.13	1.70	- 2.56	3.92	3.14	- 4.70	
MONO# (10 ⁹ /L)	0.35	0.07	- 0.63	0.85	0.34	- 1.36	1.92	1.15	- 2.69	
EO# (10 ⁹ /L)	0.30	0.21	- 0.39	0.77	0.54	- 1.00	1.86	1.40	- 2.33	
BASO# (10 ⁹ /L)	2.03	1.42	- 2.64	5.18	3.63	- 6.73	12.37	9.28	- 15.46	



**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:		81770801			81770802			81770803		
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)	2.29	2.15	- 2.43	4.33	4.11	- 4.55	5.20	4.94	- 5.46
	HGB (g/dL)	5.7	5.4	- 6.0	11.9	11.3	- 12.5	16.2	15.4	- 17.0
	HCT (%)	17.3	16.1	- 18.5	35.0	32.9	- 37.1	45.9	43.1	- 48.7
	MCV (fL)	75.8	66.3	- 86.0	80.9	72.4	- 90.2	88.3	79.0	- 98.5
	MCH (pg)	25.0	22.1	- 28.1	27.6	24.9	- 30.4	31.2	28.2	- 34.4
	MCHC (g/dL)	33.0	28.9	- 37.6	34.1	30.5	- 38.0	35.3	31.6	- 39.4
	PLT (10 ⁹ /L)	59	29	- 88	226	192	- 259	504	428	- 580
	RDW-SD (fL)	42.6	38.3	- 46.9	42.9	38.6	- 47.2	44.1	39.7	- 48.5
	RDW-CV (%)	15.6	14.0	- 17.2	14.6	13.1	- 16.1	13.7	12.3	- 15.1
	MPV (fL)	9.1	8.4	- 9.8	9.5	8.9	- 10.1	9.6	9.0	- 10.2
	WBC (10 ⁹ /L)	3.01	2.56	- 3.46	6.97	6.35	- 7.60	16.01	14.73	- 17.29
	NEUT%	44.4	35.5	- 53.2	49.2	41.8	- 56.6	52.3	44.4	- 60.1
	LYMPH%	34.5	20.7	- 48.3	28.7	23.0	- 34.5	24.5	19.6	- 29.4
	MONO%	11.6	2.3	- 21.0	11.5	6.9	- 16.0	11.6	8.1	- 15.1
	EO%	9.5	6.6	- 12.3	10.6	7.4	- 13.8	11.6	8.7	- 14.5
	BASO%	66.2	46.3	- 86.0	69.1	48.4	- 89.8	74.2	55.6	- 92.7
	NEUT# (10 ⁹ /L)	1.33	1.07	- 1.60	3.43	2.92	- 3.95	8.37	7.12	- 9.63
	LYMPH# (10 ⁹ /L)	1.04	0.62	- 1.45	2.00	1.60	- 2.40	3.92	3.14	- 4.70
	MONO# (10 ⁹ /L)	0.35	0.07	- 0.63	0.80	0.32	- 1.28	1.86	1.12	- 2.61
	EO# (10 ⁹ /L)	0.29	0.20	- 0.37	0.74	0.52	- 0.96	1.86	1.40	- 2.33
BASO# (10 ⁹ /L)	1.99	1.39	- 2.59	4.82	3.37	- 6.26	11.88	8.91	- 14.84	