



**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:		82320801		82320802		82320803				
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)	2.33	2.24	- 2.42	4.37	4.24	- 4.50	5.22	5.06	- 5.38
	HGB (g/dL)	5.8	5.6	- 6.0	12.4	12.0	- 12.8	16.6	16.1	- 17.1
	HCT (%)	17.4	16.5	- 18.3	36.2	34.6	- 37.8	47.1	45.0	- 49.2
	MCV (fL)	74.8	68.2	- 81.7	82.7	76.8	- 89.2	90.1	83.7	- 97.2
	MCH (pg)	24.9	23.0	- 27.0	28.3	26.7	- 30.1	31.8	29.9	- 33.8
	MCHC (g/dL)	33.2	30.5	- 36.5	34.2	31.8	- 36.9	35.3	32.7	- 38.0
	PLT (10 ⁹ /L)	58	35	- 81	224	199	- 249	520	473	- 567
	RDW-SD (fL)	46.6	41.9	- 51.3	43.9	39.5	- 48.3	45.5	41.0	- 50.1
	RDW-CV (%)	17.0	15.3	- 18.7	14.6	13.1	- 16.1	14.0	12.6	- 15.4
	MPV (fL)	9.5	8.7	- 10.3	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 ⁹ /L)	3.09	2.78	- 3.40	7.15	6.72	- 7.58	16.73	15.73	- 17.73
	NEUT%	44.1	35.3	- 52.9	48.8	41.5	- 56.1	54.6	46.4	- 62.8
	LYMPH%	33.6	20.2	- 47.0	30.3	24.2	- 36.4	22.9	18.3	- 27.5
	MONO%	12.5	2.5	- 22.5	10.7	6.4	- 15.0	11.4	8.0	- 14.8
	EO%	9.8	6.9	- 12.7	10.1	7.1	- 13.1	11.1	8.3	- 13.9
	BASO%	65.5	45.9	- 85.2	69.4	48.6	- 90.2	77.0	57.8	- 96.3
NEUT# (10 ⁹ /L)	1.36	1.09	- 1.63	3.49	2.97	- 4.01	9.14	7.77	- 10.51	
LYMPH# (10 ⁹ /L)	1.04	0.62	- 1.46	2.17	1.74	- 2.60	3.83	3.06	- 4.60	
MONO# (10 ⁹ /L)	0.39	0.08	- 0.70	0.77	0.31	- 1.23	1.91	1.15	- 2.67	
EO# (10 ⁹ /L)	0.30	0.21	- 0.39	0.72	0.50	- 0.94	1.86	1.40	- 2.33	
BASO# (10 ⁹ /L)	2.02	1.41	- 2.63	4.96	3.47	- 6.45	12.88	9.66	- 16.10	



**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:		82320801		82320802		82320803				
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)	2.33	2.19	- 2.47	4.37	4.15	- 4.59	5.22	4.96	- 5.48
	HGB (g/dL)	5.8	5.5	- 6.1	12.4	11.8	- 13.0	16.6	15.8	- 17.4
	HCT (%)	17.4	16.2	- 18.6	36.2	34.0	- 38.4	47.1	44.3	- 49.9
	MCV (fL)	74.8	65.5	- 85.0	82.7	74.2	- 92.4	90.1	80.8	- 100.7
	MCH (pg)	24.9	22.1	- 28.1	28.3	25.7	- 31.4	31.8	28.8	- 35.1
	MCHC (g/dL)	33.2	29.3	- 38.0	34.2	30.7	- 38.3	35.3	31.6	- 39.4
	PLT (10 ⁹ /L)	57	28	- 85	215	183	- 247	484	411	- 556
	RDW-SD (fL)	46.6	41.9	- 51.3	43.9	39.5	- 48.3	45.5	41.0	- 50.1
	RDW-CV (%)	17.0	15.3	- 18.7	14.6	13.1	- 16.1	14.0	12.6	- 15.4
	MPV (fL)	9.5	8.7	- 10.3	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 ⁹ /L)	3.00	2.55	- 3.45	6.79	6.18	- 7.40	16.40	15.08	- 17.71
	NEUT%	43.8	35.1	- 52.6	49.1	41.8	- 56.5	54.0	45.9	- 62.1
	LYMPH%	33.7	20.2	- 47.1	30.0	24.0	- 36.0	23.4	18.7	- 28.0
	MONO%	13.0	2.6	- 23.4	10.7	6.4	- 14.9	11.3	7.9	- 14.7
	EO%	9.5	6.7	- 12.4	10.2	7.1	- 13.2	11.3	8.5	- 14.2
	BASO%	66.0	46.2	- 85.9	67.9	47.5	- 88.3	75.4	56.6	- 94.3
	NEUT# (10 ⁹ /L)	1.31	1.05	- 1.58	3.34	2.84	- 3.84	8.85	7.52	- 10.18
	LYMPH# (10 ⁹ /L)	1.01	0.61	- 1.41	2.04	1.63	- 2.45	3.83	3.06	- 4.60
	MONO# (10 ⁹ /L)	0.39	0.08	- 0.70	0.72	0.29	- 1.16	1.85	1.11	- 2.59
	EO# (10 ⁹ /L)	0.29	0.20	- 0.37	0.69	0.48	- 0.90	1.86	1.40	- 2.33
BASO# (10 ⁹ /L)	1.98	1.39	- 2.57	4.61	3.23	- 6.00	12.36	9.27	- 15.46	