



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
OPEN MODE ASSAY**

Expiration Date: 2010-07-19		Quality Control Data Due Date #1: 7-Jun-10			Quality Control Data Due Date #2: 19-Jul-10					
Lot Number:		01170801		01170802		01170803				
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)	2.24	2.15	- 2.33	4.34	4.21	- 4.47	5.20	5.04	- 5.36
	HGB (g/dL)	5.5	5.3	- 5.7	12.0	11.6	- 12.4	15.4	14.9	- 15.9
	HCT (%)	16.8	16.0	- 17.6	35.5	33.9	- 37.1	44.6	42.6	- 46.6
	MCV (fL)	74.8	68.5	- 82.0	81.8	75.8	- 88.1	85.6	79.5	- 92.4
	MCH (pg)	24.5	22.7	- 26.6	27.6	26.0	- 29.4	29.6	27.9	- 31.4
	MCHC (g/dL)	32.7	29.9	- 35.8	33.8	31.4	- 36.5	34.6	32.1	- 37.2
	PLT (10 ⁹ /L)	58	35	- 81	223	198	- 248	539	490	- 588
	RDW-SD (fL)	44.1	39.7	- 48.5	44.2	39.8	- 48.6	45.0	40.5	- 49.5
	RDW-CV (%)	16.2	14.6	- 17.8	15.0	13.5	- 16.5	14.7	13.2	- 16.2
	MPV (fL)	8.8	8.1	- 9.5	9.2	8.6	- 9.8	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	2.98	2.68	- 3.28	6.74	6.34	- 7.14	17.02	16.00	- 18.04
	NEUT%	43.7	35.0	- 52.4	49.7	42.2	- 57.2	53.8	45.7	- 61.9
	LYMPH%	35.1	21.1	- 49.1	28.0	22.4	- 33.6	23.4	18.7	- 28.1
	MONO%	11.7	2.3	- 21.1	11.6	7.0	- 16.2	11.4	8.0	- 14.8
	EO%	9.6	6.7	- 12.5	10.7	7.5	- 13.9	11.4	8.6	- 14.3
	BASO%	63.3	44.3	- 82.3	71.0	49.7	- 92.3	76.0	57.0	- 95.0
	NEUT# (10 ⁹ /L)	1.30	1.04	- 1.56	3.35	2.85	- 3.85	9.16	7.79	- 10.53
LYMPH# (10 ⁹ /L)	1.05	0.63	- 1.47	1.89	1.51	- 2.27	3.99	3.19	- 4.79	
MONO# (10 ⁹ /L)	0.35	0.07	- 0.63	0.78	0.31	- 1.25	1.95	1.17	- 2.73	
EO# (10 ⁹ /L)	0.29	0.20	- 0.38	0.72	0.50	- 0.94	1.93	1.45	- 2.41	
BASO# (10 ⁹ /L)	1.89	1.32	- 2.46	4.78	3.35	- 6.21	12.93	9.70	- 16.16	



**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
CLOSED MODE ASSAY**

Expiration Date 2010-07-19		Quality Control Data Due Date #1: 7-Jun-10			Quality Control Data Due Date #2: 19-Jul-10					
Lot Number:		01170801		01170802		01170803				
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)	2.24	2.11	- 2.37	4.34	4.12	- 4.56	5.20	4.94	- 5.46
	HGB (g/dL)	5.5	5.2	- 5.8	12.0	11.4	- 12.6	15.4	14.6	- 16.2
	HCT (%)	16.8	15.6	- 18.0	35.5	33.4	- 37.6	44.6	41.9	- 47.3
	MCV (fL)	74.8	65.8	- 85.4	81.8	73.2	- 91.3	85.6	76.8	- 95.7
	MCH (pg)	24.5	21.8	- 27.7	27.6	25.0	- 30.6	29.6	26.8	- 32.7
	MCHC (g/dL)	32.7	28.8	- 37.3	33.8	30.3	- 37.8	34.6	30.9	- 38.6
	PLT (10 ⁹ /L)	57	28	- 85	214	182	- 246	501	426	- 576
	RDW-SD (fL)	44.1	39.7	- 48.5	44.2	39.8	- 48.6	45.0	40.5	- 49.5
	RDW-CV (%)	16.2	14.6	- 17.8	15.0	13.5	- 16.5	14.7	13.2	- 16.2
	MPV (fL)	8.8	8.1	- 9.5	9.2	8.6	- 9.8	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	2.89	2.46	- 3.32	6.40	5.83	- 6.98	16.68	15.35	- 18.01
	NEUT%	43.1	34.5	- 51.8	50.0	42.5	- 57.5	53.2	45.2	- 61.1
	LYMPH%	35.2	21.1	- 49.3	27.7	22.2	- 33.3	23.9	19.1	- 28.7
	MONO%	12.1	2.4	- 21.8	11.5	6.9	- 16.0	11.3	7.9	- 14.7
	EO%	9.5	6.7	- 12.4	10.8	7.6	- 14.0	11.6	8.7	- 14.5
	BASO%	64.1	44.9	- 83.3	69.4	48.6	- 90.3	74.4	55.8	- 93.0
	NEUT# (10 ⁹ /L)	1.25	1.00	- 1.50	3.20	2.72	- 3.68	8.87	7.54	- 10.20
	LYMPH# (10 ⁹ /L)	1.02	0.61	- 1.43	1.78	1.42	- 2.13	3.99	3.19	- 4.79
	MONO# (10 ⁹ /L)	0.35	0.07	- 0.63	0.73	0.29	- 1.17	1.89	1.13	- 2.65
	EO# (10 ⁹ /L)	0.28	0.19	- 0.36	0.69	0.48	- 0.90	1.93	1.45	- 2.41
BASO# (10 ⁹ /L)	1.85	1.30	- 2.41	4.45	3.11	- 5.78	12.41	9.31	- 15.52	