



**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:		01190801		01190802		01190803				
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)	2.25	2.16	- 2.34	4.33	4.20	- 4.46	5.20	5.04	- 5.36
	HGB (g/dL)	5.8	5.6	- 6.0	12.4	12.0	- 12.8	16.0	15.5	- 16.5
	HCT (%)	17.5	16.6	- 18.4	36.5	34.9	- 38.1	46.1	44.0	- 48.2
	MCV (fL)	77.8	71.0	- 85.1	84.3	78.2	- 90.8	88.6	82.2	- 95.5
	MCH (pg)	25.7	23.8	- 27.9	28.6	27.0	- 30.4	30.8	29.0	- 32.7
	MCHC (g/dL)	33.0	30.3	- 36.3	34.0	31.5	- 36.6	34.8	32.2	- 37.4
	PLT (10 ⁹ /L)	56	34	- 78	225	200	- 250	533	485	- 581
	RDW-SD (fL)	44.6	40.1	- 49.1	45.3	40.8	- 49.8	46.0	41.4	- 50.6
	RDW-CV (%)	15.6	14.0	- 17.2	14.9	13.4	- 16.4	14.5	13.1	- 16.0
	MPV (fL)	9.1	8.4	- 9.8	9.5	8.9	- 10.1	9.7	9.1	- 10.3
	WBC (10 ⁹ /L)	3.01	2.71	- 3.31	6.80	6.39	- 7.21	17.41	16.37	- 18.45
	NEUT%	43.6	34.9	- 52.3	49.8	42.3	- 57.3	53.7	45.6	- 61.8
	LYMPH%	34.8	20.9	- 48.7	27.7	22.2	- 33.2	24.0	19.2	- 28.8
	MONO%	12.0	2.4	- 21.6	11.6	7.0	- 16.2	11.2	7.8	- 14.6
	EO%	9.6	6.7	- 12.5	10.9	7.6	- 14.2	11.1	8.3	- 13.9
	BASO%	63.3	44.3	- 82.3	71.3	49.9	- 92.7	75.5	56.6	- 94.4
NEUT# (10 ⁹ /L)	1.32	1.06	- 1.58	3.39	2.88	- 3.90	9.36	7.96	- 10.76	
LYMPH# (10 ⁹ /L)	1.05	0.63	- 1.47	1.88	1.50	- 2.26	4.17	3.34	- 5.00	
MONO# (10 ⁹ /L)	0.36	0.07	- 0.65	0.79	0.32	- 1.26	1.95	1.17	- 2.73	
EO# (10 ⁹ /L)	0.29	0.20	- 0.38	0.74	0.52	- 0.96	1.93	1.45	- 2.41	
BASO# (10 ⁹ /L)	1.91	1.34	- 2.48	4.85	3.40	- 6.31	13.14	9.86	- 16.43	



**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:		01190801		01190802		01190803					
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)	2.25	2.12	- 2.39	4.33	4.11	- 4.55	5.20	4.94	- 5.46	
	HGB (g/dL)	5.8	5.5	- 6.1	12.4	11.8	- 13.0	16.0	15.2	- 16.8	
	HCT (%)	17.5	16.3	- 18.7	36.5	34.3	- 38.7	46.1	43.3	- 48.9	
	MCV (fL)	77.8	68.2	- 88.5	84.3	75.5	- 94.1	88.6	79.4	- 98.9	
	MCH (pg)	25.7	22.9	- 29.1	28.6	25.9	- 31.7	30.8	27.8	- 34.0	
	MCHC (g/dL)	33.0	29.1	- 37.8	34.0	30.4	- 37.9	34.8	31.1	- 38.8	
	PLT (10 ⁹ /L)	55	28	- 83	216	184	- 248	496	421	- 570	
	RDW-SD (fL)	44.6	40.1	- 49.1	45.3	40.8	- 49.8	46.0	41.4	- 50.6	
	RDW-CV (%)	15.6	14.0	- 17.2	14.9	13.4	- 16.4	14.5	13.1	- 16.0	
	MPV (fL)	9.1	8.4	- 9.8	9.5	8.9	- 10.1	9.7	9.1	- 10.3	
	WBC (10 ⁹ /L)	2.92	2.48	- 3.36	6.46	5.88	- 7.04	17.06	15.70	- 18.43	
	NEUT%	43.4	34.7	- 52.0	50.2	42.6	- 57.7	53.2	45.2	- 61.1	
	LYMPH%	34.9	20.9	- 48.8	27.4	21.9	- 32.8	24.4	19.6	- 29.3	
	MONO%	12.3	2.5	- 22.2	11.5	6.9	- 16.1	11.1	7.8	- 14.4	
	EO%	9.4	6.6	- 12.3	11.0	7.7	- 14.3	11.3	8.5	- 14.1	
	BASO%	64.1	44.9	- 83.3	69.8	48.9	- 90.8	73.9	55.5	- 92.4	
	NEUT# (10 ⁹ /L)	1.27	1.01	- 1.52	3.24	2.75	- 3.73	9.07	7.71	- 10.43	
	LYMPH# (10 ⁹ /L)	1.02	0.61	- 1.43	1.77	1.41	- 2.12	4.17	3.34	- 5.00	
MONO# (10 ⁹ /L)	0.36	0.07	- 0.65	0.74	0.30	- 1.19	1.89	1.13	- 2.65		
EO# (10 ⁹ /L)	0.28	0.19	- 0.36	0.71	0.50	- 0.92	1.93	1.45	- 2.41		
BASO# (10 ⁹ /L)	1.87	1.31	- 2.43	4.51	3.16	- 5.86	12.61	9.46	- 15.77		