



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

Expiration Date: 2009-01-05		Quality Control Data Due Date #1: 24-Nov-08			Quality Control Data Due Date #2: 5-Jan-09				
Lot Number:		82890801		82890802		82890803			
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)	2.31	2.22 - 2.40	4.36	4.23 - 4.49	5.31	5.15 - 5.47		
	HGB (g/dL)	5.9	5.7 - 6.1	12.3	11.9 - 12.7	16.5	16.0 - 17.0		
	HCT (%)	17.7	16.8 - 18.6	35.8	34.2 - 37.4	46.5	44.4 - 48.6		
	MCV (fL)	76.5	70.0 - 83.8	82.1	76.1 - 88.5	87.5	81.2 - 94.3		
	MCH (pg)	25.6	23.6 - 27.7	28.2	26.6 - 30.0	31.0	29.3 - 33.0		
	MCHC (g/dL)	33.5	30.5 - 36.5	34.4	31.9 - 37.1	35.4	32.9 - 38.3		
	PLT (10 ⁹ /L)	56	34 - 78	224	199 - 249	528	480 - 576		
	RDW-SD (fL)	46.8	42.1 - 51.5	44.3	39.9 - 48.7	45.4	40.9 - 49.9		
	RDW-CV (%)	16.8	15.1 - 18.5	15.0	13.5 - 16.5	14.4	13.0 - 15.8		
	MPV (fL)	8.8	8.1 - 9.5	9.2	8.6 - 9.8	9.4	8.8 - 10.0		
	WBC (10 ⁹ /L)	3.03	2.73 - 3.33	7.06	6.64 - 7.48	15.96	15.00 - 16.92		
	NEUT%	44.7	35.8 - 53.6	48.2	41.0 - 55.4	52.0	44.2 - 59.8		
	LYMPH%	35.1	21.1 - 49.1	29.9	23.9 - 35.9	24.4	19.5 - 29.3		
	MONO%	10.4	2.1 - 18.7	11.6	7.0 - 16.2	12.3	8.6 - 16.0		
	EO%	9.8	6.9 - 12.7	10.4	7.3 - 13.5	11.3	8.5 - 14.1		
	BASO%	64.8	45.4 - 84.2	69.9	48.9 - 90.9	75.6	56.7 - 94.5		
	NEUT# (10 ⁹ /L)	1.36	1.09 - 1.63	3.41	2.90 - 3.92	8.31	7.06 - 9.56		
	LYMPH# (10 ⁹ /L)	1.06	0.64 - 1.48	2.11	1.69 - 2.53	3.89	3.11 - 4.67		
MONO# (10 ⁹ /L)	0.31	0.06 - 0.56	0.82	0.33 - 1.31	1.97	1.18 - 2.76			
EO# (10 ⁹ /L)	0.30	0.21 - 0.39	0.73	0.51 - 0.95	1.80	1.35 - 2.25			
BASO# (10 ⁹ /L)	1.96	1.37 - 2.55	4.94	3.46 - 6.42	12.07	9.05 - 15.09			



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

Expiration Date: 2009-01-05		Quality Control Data Due Date #1: 24-Nov-08			Quality Control Data Due Date #2: 5-Jan-09					
Lot Number:		82890801		82890802		82890803				
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	4.36	4.14	- 4.58	5.31	5.04	- 5.58
	HGB (g/dL)	5.9	5.5	- 6.3	12.3	11.7	- 12.9	16.5	15.7	- 17.3
	HCT (%)	17.7	16.5	- 18.9	35.8	33.7	- 37.9	46.5	43.7	- 49.3
	MCV (fL)	76.5	67.2	- 87.2	82.1	73.5	- 91.6	87.5	78.4	- 97.7
	MCH (pg)	25.6	22.6	- 28.8	28.2	25.5	- 31.2	31.0	28.1	- 34.3
	MCHC (g/dL)	33.5	29.3	- 38.0	34.4	30.8	- 38.4	35.4	31.8	- 39.6
	PLT (10 ⁹ /L)	55	27	- 82	215	183	- 247	491	417	- 565
	RDW-SD (fL)	46.8	42.1	- 51.5	44.3	39.9	- 48.7	45.4	40.9	- 49.9
	RDW-CV (%)	16.8	15.1	- 18.5	15.0	13.5	- 16.5	14.4	13.0	- 15.8
	MPV (fL)	8.8	8.1	- 9.5	9.2	8.6	- 9.8	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	2.94	2.50	- 3.38	6.71	6.10	- 7.31	15.64	14.39	- 16.89
	NEUT%	44.8	35.8	- 53.7	48.5	41.2	- 55.8	51.4	43.7	- 59.1
	LYMPH%	35.0	21.0	- 49.0	29.6	23.7	- 35.5	24.9	19.9	- 29.8
	MONO%	10.5	2.1	- 19.0	11.5	6.9	- 16.1	12.2	8.6	- 15.9
	EO%	9.7	6.8	- 12.6	10.4	7.3	- 13.6	11.5	8.6	- 14.4
	BASO%	65.4	45.7	- 85.0	68.5	47.9	- 89.0	74.1	55.6	- 92.6
	NEUT# (10 ⁹ /L)	1.32	1.05	- 1.58	3.25	2.76	- 3.74	8.04	6.83	- 9.25
	LYMPH# (10 ⁹ /L)	1.03	0.62	- 1.44	1.98	1.59	- 2.38	3.89	3.11	- 4.67
MONO# (10 ⁹ /L)	0.31	0.06	- 0.56	0.77	0.31	- 1.23	1.91	1.15	- 2.68	
EO# (10 ⁹ /L)	0.29	0.20	- 0.37	0.70	0.49	- 0.91	1.80	1.35	- 2.25	
BASO# (10 ⁹ /L)	1.92	1.34	- 2.50	4.59	3.22	- 5.97	11.59	8.69	- 14.48	