



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

Expiration Date: 2010-05-24		Quality Control Data Due Date #1: 12-Apr-10			Quality Control Data Due Date #2: 24-May-10					
Lot Number:		00630801		00630802		00630803				
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)	2.32	2.23	- 2.41	4.36	4.23	- 4.49	5.30	5.14	- 5.46
	HGB (g/dL)	5.8	5.6	- 6.0	12.3	11.9	- 12.7	16.0	15.5	- 16.5
	HCT (%)	17.6	16.7	- 18.5	35.8	34.2	- 37.4	46.3	44.2	- 48.4
	MCV (fL)	75.9	69.3	- 83.0	81.9	76.1	- 88.5	87.3	81.0	- 94.1
	MCH (pg)	25.0	23.1	- 27.1	28.1	26.6	- 30.0	30.2	28.4	- 32.1
	MCHC (g/dL)	33.2	30.1	- 36.1	34.6	31.9	- 37.1	35.0	32.1	- 37.3
	PLT (10 ⁹ /L)	58	35	- 81	221	197	- 245	515	469	- 561
	RDW-SD (fL)	43.9	39.5	- 48.3	43.6	39.2	- 48.0	45.9	41.3	- 50.5
	RDW-CV (%)	16.1	14.5	- 17.7	14.9	13.4	- 16.4	14.9	13.4	- 16.4
	MPV (fL)	8.9	8.2	- 9.6	9.3	8.7	- 9.9	9.4	8.8	- 10.0
	WBC (10 ⁹ /L)	2.96	2.66	- 3.26	6.78	6.37	- 7.19	16.41	15.43	- 17.39
	NEUT%	45.5	36.4	- 54.6	49.4	42.0	- 56.8	54.0	45.9	- 62.1
	LYMPH%	33.4	20.0	- 46.8	28.2	22.6	- 33.8	24.0	19.2	- 28.8
	MONO%	11.5	2.3	- 20.7	11.7	7.0	- 16.4	11.0	7.7	- 14.3
	EO%	9.6	6.7	- 12.5	10.8	7.6	- 14.0	11.0	8.3	- 13.8
	BASO%	64.6	45.2	- 84.0	71.9	50.3	- 93.5	75.1	56.3	- 93.9
	NEUT# (10 ⁹ /L)	1.35	1.08	- 1.62	3.35	2.85	- 3.85	8.86	7.53	- 10.19
LYMPH# (10 ⁹ /L)	0.99	0.59	- 1.39	1.91	1.53	- 2.29	3.94	3.15	- 4.73	
MONO# (10 ⁹ /L)	0.34	0.07	- 0.61	0.79	0.32	- 1.26	1.81	1.09	- 2.53	
EO# (10 ⁹ /L)	0.28	0.20	- 0.36	0.73	0.51	- 0.95	1.81	1.36	- 2.26	
BASO# (10 ⁹ /L)	1.91	1.34	- 2.48	4.87	3.41	- 6.33	12.32	9.24	- 15.40	



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

Expiration Date: 2010-05-24		Quality Control Data Due Date #1: 12-Apr-10			Quality Control Data Due Date #2: 24-May-10				
Lot Number:		00630801		00630802		00630803			
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)	2.32	2.18 - 2.46	4.36	4.14 - 4.58	5.30	5.04 - 5.57		
	HGB (g/dL)	5.8	5.5 - 6.1	12.3	11.7 - 12.9	16.0	15.2 - 16.8		
	HCT (%)	17.6	16.4 - 18.8	35.8	33.7 - 37.9	46.3	43.5 - 49.1		
	MCV (fL)	75.9	66.6 - 86.4	81.9	73.5 - 91.6	87.3	78.2 - 97.5		
	MCH (pg)	25.0	22.2 - 28.2	28.1	25.5 - 31.2	30.2	27.3 - 33.4		
	MCHC (g/dL)	33.2	29.0 - 37.6	34.6	30.8 - 38.4	35.0	31.0 - 38.6		
	PLT (10 ⁹ /L)	57	29 - 86	212	180 - 244	479	407 - 551		
	RDW-SD (fL)	43.9	39.5 - 48.3	43.6	39.2 - 48.0	45.9	41.3 - 50.5		
	RDW-CV (%)	16.1	14.5 - 17.7	14.9	13.4 - 16.4	14.9	13.4 - 16.4		
	MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.4	8.8 - 10.0		
	WBC (10 ⁹ /L)	2.87	2.44 - 3.30	6.44	5.86 - 7.02	16.08	14.80 - 17.37		
	NEUT%	45.4	36.4 - 54.5	49.7	42.3 - 57.2	53.3	45.3 - 61.3		
	LYMPH%	33.4	20.1 - 46.8	27.9	22.3 - 33.4	24.5	19.6 - 29.4		
	MONO%	11.8	2.4 - 21.3	11.5	6.9 - 16.1	10.9	7.6 - 14.2		
	EO%	9.3	6.5 - 12.0	10.9	7.6 - 14.1	11.3	8.4 - 14.1		
	BASO%	65.2	45.6 - 84.7	70.3	49.2 - 91.4	73.5	55.2 - 91.9		
	NEUT# (10 ⁹ /L)	1.30	1.04 - 1.57	3.20	2.72 - 3.68	8.58	7.29 - 9.86		
	LYMPH# (10 ⁹ /L)	0.96	0.58 - 1.34	1.80	1.44 - 2.15	3.94	3.15 - 4.73		
	MONO# (10 ⁹ /L)	0.34	0.07 - 0.61	0.74	0.30 - 1.19	1.76	1.05 - 2.46		
	EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.70	0.49 - 0.91	1.81	1.36 - 2.26		
BASO# (10 ⁹ /L)	1.87	1.31 - 2.43	4.53	3.17 - 5.89	11.83	8.87 - 14.78			