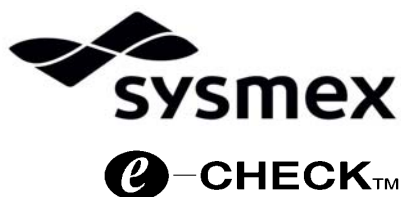




**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS
OPEN MODE ASSAY**

Expiration Date: 2011-10-10		Quality Control Data Due Date #1: 29-Aug-11			Quality Control Data Due Date #2: 10-Oct-11		
Lot Number:		12000801		12000802		12000803	
Control:		L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
O P E N	RBC (10 ¹² /L)	2.24	2.15	- 2.33	4.30	4.17	- 4.43
	HGB (g/dL)	5.7	5.5	- 5.9	12.2	11.8	- 12.6
	HCT (%)	17.3	16.4	- 18.2	35.5	33.9	- 37.1
	MCV (fL)	77.4	70.5	- 84.5	82.5	76.5	- 88.9
	MCH (pg)	25.6	23.5	- 27.6	28.4	26.7	- 30.1
	MCHC (g/dL)	33.0	30.1	- 36.1	34.4	31.9	- 37.1
	PLT (10 ⁹ /L)	56	34	- 78	215	191	- 239
	RDW-SD (fL)	43.4	39.1	- 47.7	43.3	39.0	- 47.6
	RDW-CV (%)	15.2	13.7	- 16.7	14.4	13.0	- 15.8
	MPV (fL)	8.8	8.1	- 9.5	9.1	8.6	- 9.6
	WBC (10 ⁹ /L)	3.00	2.70	- 3.30	7.11	6.68	- 7.54
	NEUT%	43.5	34.8	- 52.2	47.7	40.5	- 54.9
	LYMPH%	35.4	21.2	- 49.6	30.1	24.1	- 36.1
	MONO%	11.9	2.4	- 21.4	11.8	7.1	- 16.5
	EO%	9.2	6.4	- 12.0	10.5	7.4	- 13.7
	BASO%	63.7	44.6	- 82.8	69.2	48.4	- 90.0
	NEUT# (10 ⁹ /L)	1.31	1.05	- 1.57	3.39	2.88	- 3.90
	LYMPH# (10 ⁹ /L)	1.06	0.64	- 1.48	2.14	1.71	- 2.57
MONO# (10 ⁹ /L)	0.36	0.07	- 0.65	0.84	0.34	- 1.34	
EO# (10 ⁹ /L)	0.28	0.20	- 0.36	0.75	0.53	- 0.98	
BASO# (10 ⁹ /L)	1.91	1.34	- 2.48	4.92	3.44	- 6.40	
					12.52		9.39 - 15.65



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

Expiration Date: 2011-10-10		Quality Control Data Due Date #1: 29-Aug-11			Quality Control Data Due Date #2: 10-Oct-11				
Lot Number:		12000801		12000802		12000803			
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	4.30	4.09 - 4.52	5.21	4.95 - 5.47		
	HGB (g/dL)	5.7	5.4 - 6.0	12.2	11.6 - 12.8	16.2	15.4 - 17.0		
	HCT (%)	17.3	16.1 - 18.5	35.5	33.4 - 37.6	46.2	43.4 - 49.0		
	MCV (fL)	77.4	67.8 - 87.9	82.5	73.9 - 92.1	88.7	79.4 - 98.9		
	MCH (pg)	25.6	22.6 - 28.7	28.4	25.7 - 31.4	31.1	28.1 - 34.4		
	MCHC (g/dL)	33.0	28.9 - 37.6	34.4	30.8 - 38.4	35.1	31.4 - 39.2		
	PLT (10 ⁹ /L)	55	27 - 82	206	175 - 237	489	416 - 563		
	RDW-SD (fL)	43.4	39.1 - 47.7	43.3	39.0 - 47.6	43.4	39.1 - 47.7		
	RDW-CV (%)	15.2	13.7 - 16.7	14.4	13.0 - 15.8	13.5	12.2 - 14.9		
	MPV (fL)	8.8	8.1 - 9.5	9.1	8.6 - 9.6	9.3	8.7 - 9.9		
	WBC (10 ⁹ /L)	2.91	2.47 - 3.35	6.75	6.15 - 7.36	16.35	15.04 - 17.65		
	NEUT%	43.2	34.5 - 51.8	47.9	40.7 - 55.0	52.7	44.8 - 60.6		
	LYMPH%	35.3	21.2 - 49.5	29.8	23.8 - 35.7	24.8	19.9 - 29.8		
	MONO%	12.4	2.5 - 22.3	11.7	7.0 - 16.4	10.4	7.3 - 13.6		
	EO%	9.1	6.4 - 11.9	10.7	7.5 - 13.9	12.0	9.0 - 15.0		
	BASO%	64.3	45.0 - 83.6	67.7	47.4 - 88.1	73.5	55.1 - 91.9		
	NEUT# (10 ⁹ /L)	1.26	1.00 - 1.51	3.23	2.75 - 3.72	8.62	7.33 - 9.91		
	LYMPH# (10 ⁹ /L)	1.03	0.62 - 1.44	2.01	1.61 - 2.41	4.06	3.25 - 4.87		
	MONO# (10 ⁹ /L)	0.36	0.07 - 0.65	0.79	0.32 - 1.26	1.71	1.02 - 2.39		
	EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.72	0.50 - 0.94	1.96	1.47 - 2.45		
BASO# (10 ⁹ /L)	1.87	1.31 - 2.43	4.58	3.20 - 5.95	12.02	9.01 - 15.02			