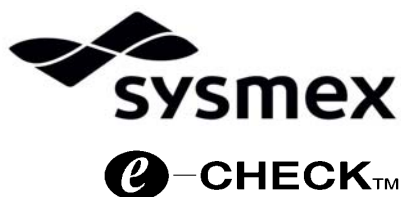




**HEMATOLOGY CONTROL FOR SYSMEX XE-2100D ANALYZERS IN BLOOD CENTERS  
OPEN MODE ASSAY**

Expiration Date: <b>2011-10-10</b>		Quality Control Data Due Date #1: <b>29-Aug-11</b>			Quality Control Data Due Date #2: <b>10-Oct-11</b>					
Lot Number:		<b>12010801</b>		<b>12010802</b>		<b>12010803</b>				
Control:		<b>L1:Level 1</b>		<b>L2:Level 2</b>		<b>L3:Level 3</b>				
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		
<b>O P E N</b>	RBC (10 <sup>12</sup> /L)	2.27	2.18	- 2.36	4.35	4.22	- 4.48	5.23	5.07	- 5.39
	HGB (g/dL)	5.9	5.7	- 6.1	12.4	12.0	- 12.8	16.2	15.7	- 16.7
	HCT (%)	17.9	17.0	- 18.8	36.2	34.6	- 37.8	46.3	44.2	- 48.4
	MCV (fL)	78.7	72.0	- 86.2	83.2	77.2	- 89.7	88.5	82.1	- 95.4
	MCH (pg)	26.0	24.0	- 28.2	28.5	26.8	- 30.3	31.0	29.2	- 32.9
	MCHC (g/dL)	33.0	30.1	- 36.1	34.3	31.8	- 36.9	35.0	32.5	- 37.7
	PLT (10 <sup>9</sup> /L)	58	35	- 81	228	203	- 253	541	492	- 590
	RDW-SD (fL)	44.4	40.0	- 48.8	43.3	39.0	- 47.6	43.4	39.1	- 47.7
	RDW-CV (%)	15.4	13.9	- 16.9	14.3	12.9	- 15.7	13.5	12.2	- 14.9
	MPV (fL)	9.3	8.6	- 10.0	9.7	9.1	- 10.3	9.8	9.2	- 10.4
	WBC (10 <sup>9</sup> /L)	2.99	2.69	- 3.29	7.03	6.61	- 7.45	16.82	15.81	- 17.83
	NEUT%	43.4	34.7	- 52.1	47.7	40.5	- 54.9	51.3	43.6	- 59.0
	LYMPH%	35.4	21.2	- 49.6	29.9	23.9	- 35.9	25.3	20.2	- 30.4
	MONO%	11.6	2.3	- 20.9	12.0	7.2	- 16.8	11.9	8.3	- 15.5
	EO%	9.6	6.7	- 12.5	10.4	7.3	- 13.5	11.5	8.6	- 14.4
	BASO%	62.8	44.0	- 81.6	69.3	48.5	- 90.1	73.8	55.4	- 92.3
	NEUT# (10 <sup>9</sup> /L)	1.30	1.04	- 1.56	3.36	2.86	- 3.86	8.63	7.34	- 9.92
	LYMPH# (10 <sup>9</sup> /L)	1.06	0.64	- 1.48	2.10	1.68	- 2.52	4.26	3.41	- 5.11
MONO# (10 <sup>9</sup> /L)	0.35	0.07	- 0.63	0.84	0.34	- 1.34	2.00	1.20	- 2.80	
EO# (10 <sup>9</sup> /L)	0.29	0.20	- 0.38	0.73	0.51	- 0.95	1.94	1.46	- 2.43	
BASO# (10 <sup>9</sup> /L)	1.88	1.32	- 2.44	4.87	3.41	- 6.33	12.42	9.32	- 15.53	



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

Expiration Date: <b>2011-10-10</b>		Quality Control Data Due Date #1: <b>29-Aug-11</b>			Quality Control Data Due Date #2: <b>10-Oct-11</b>				
Lot Number:		<b>12010801</b>		<b>12010802</b>		<b>12010803</b>			
Control:		<b>L1:Level 1</b>		<b>L2:Level 2</b>		<b>L3:Level 3</b>			
<b>PARAMETERS</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>		<b>MEAN</b>	<b>EXPECTED RANGE</b>		<b>MEAN</b>	<b>EXPECTED RANGE</b>	
<b>C L O S E D</b>	RBC (10 <sup>12</sup> /L)	2.27	2.13 - 2.41	4.35	4.13 - 4.57	5.23	4.97 - 5.49		
	HGB (g/dL)	5.9	5.5 - 6.3	12.4	11.8 - 13.0	16.2	15.4 - 17.0		
	HCT (%)	17.9	16.6 - 19.2	36.2	34.0 - 38.4	46.3	43.5 - 49.1		
	MCV (fL)	78.7	69.2 - 89.8	83.2	74.5 - 92.9	88.5	79.3 - 98.8		
	MCH (pg)	26.0	23.0 - 29.3	28.5	25.8 - 31.5	31.0	28.0 - 34.2		
	MCHC (g/dL)	33.0	29.0 - 37.6	34.3	30.7 - 38.3	35.0	31.4 - 39.1		
	PLT (10 <sup>9</sup> /L)	57	28 - 85	219	186 - 252	503	428 - 579		
	RDW-SD (fL)	44.4	40.0 - 48.8	43.3	39.0 - 47.6	43.4	39.1 - 47.7		
	RDW-CV (%)	15.4	13.9 - 16.9	14.3	12.9 - 15.7	13.5	12.2 - 14.9		
	MPV (fL)	9.3	8.6 - 10.0	9.7	9.1 - 10.3	9.8	9.2 - 10.4		
	WBC (10 <sup>9</sup> /L)	2.90	2.47 - 3.34	6.68	6.08 - 7.28	16.48	15.16 - 17.80		
	NEUT%	43.0	34.4 - 51.6	48.1	40.9 - 55.3	50.6	43.0 - 58.2		
	LYMPH%	35.5	21.3 - 49.6	29.6	23.6 - 35.5	25.8	20.7 - 31.0		
	MONO%	12.1	2.4 - 21.7	11.8	7.1 - 16.6	11.8	8.2 - 15.3		
	EO%	9.5	6.6 - 12.3	10.5	7.3 - 13.6	11.8	8.8 - 14.7		
	BASO%	63.5	44.5 - 82.6	67.8	47.5 - 88.2	72.3	54.3 - 90.4		
	NEUT# (10 <sup>9</sup> /L)	1.25	1.00 - 1.50	3.21	2.73 - 3.70	8.34	7.09 - 9.60		
	LYMPH# (10 <sup>9</sup> /L)	1.03	0.62 - 1.44	1.97	1.58 - 2.37	4.26	3.41 - 5.11		
	MONO# (10 <sup>9</sup> /L)	0.35	0.07 - 0.63	0.79	0.32 - 1.26	1.94	1.16 - 2.72		
	EO# (10 <sup>9</sup> /L)	0.28	0.19 - 0.36	0.70	0.49 - 0.91	1.94	1.46 - 2.43		
BASO# (10 <sup>9</sup> /L)	1.84	1.29 - 2.40	4.53	3.17 - 5.89	11.92	8.94 - 14.90			