



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

Expiration Date: <b>2008-09-15</b>		Quality Control Data Due Date #1: <b>4-Aug-08</b>				Quality Control Data Due Date #2: <b>15-Sep-08</b>				
Lot Number:		<b>81780801</b>		<b>81780802</b>		<b>81780803</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)	2.31	2.22	- 2.40	4.32	4.19	- 4.45	5.24	5.08	- 5.40
	HGB (g/dL)	5.8	5.6	- 6.0	11.8	11.4	- 12.2	15.9	15.4	- 16.4
	HCT (%)	17.6	16.7	- 18.5	34.7	33.1	- 36.3	45.0	43.0	- 47.0
	MCV (fL)	76.3	69.6	- 83.3	80.2	74.5	- 86.5	86.0	79.6	- 92.5
	MCH (pg)	25.1	23.2	- 27.2	27.2	25.7	- 29.0	30.4	28.6	- 32.2
	MCHC (g/dL)	33.0	30.1	- 36.1	33.9	31.6	- 36.7	35.3	32.8	- 38.1
	PLT (10 <sup>9</sup> /L)	59	35	- 83	224	199	- 249	528	480	- 576
	RDW-SD (fL)	44.3	39.9	- 48.7	42.4	38.2	- 46.6	42.4	38.2	- 46.6
	RDW-CV (%)	16.0	14.4	- 17.6	14.7	13.2	- 16.2	13.7	12.3	- 15.1
	MPV (fL)	9.3	8.6	- 10.0	9.5	8.9	- 10.1	9.6	9.0	- 10.2
	WBC (10 <sup>9</sup> /L)	3.03	2.73	- 3.33	7.11	6.68	- 7.54	16.21	15.24	- 17.18
	NEUT%	44.2	35.4	- 53.0	48.5	41.2	- 55.8	53.5	45.5	- 61.5
	LYMPH%	35.7	21.4	- 50.0	30.0	24.0	- 36.0	23.4	18.7	- 28.1
	MONO%	10.4	2.1	- 18.7	10.8	6.5	- 15.1	11.7	8.2	- 15.2
	EO%	9.8	6.9	- 12.7	10.7	7.5	- 13.9	11.4	8.6	- 14.3
	BASO%	63.7	44.6	- 82.8	69.9	48.9	- 90.9	76.3	57.2	- 95.4
	NEUT# (10 <sup>9</sup> /L)	1.34	1.07	- 1.61	3.45	2.93	- 3.97	8.67	7.37	- 9.97
	LYMPH# (10 <sup>9</sup> /L)	1.08	0.65	- 1.51	2.14	1.71	- 2.57	3.80	3.04	- 4.56
MONO# (10 <sup>9</sup> /L)	0.31	0.06	- 0.56	0.77	0.31	- 1.23	1.90	1.14	- 2.66	
EO# (10 <sup>9</sup> /L)	0.30	0.21	- 0.39	0.76	0.53	- 0.99	1.84	1.38	- 2.30	
BASO# (10 <sup>9</sup> /L)	1.93	1.35	- 2.51	4.97	3.48	- 6.46	12.37	9.28	- 15.46	



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

Expiration Date: <b>2008-09-15</b>		Quality Control Data Due Date #1: <b>4-Aug-08</b>				Quality Control Data Due Date #2: <b>15-Sep-08</b>				
Lot Number:		<b>81780801</b>			<b>81780802</b>			<b>81780803</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	
CLOSED	RBC (10 <sup>12</sup> /L)	2.31	2.17	- 2.45	4.32	4.10	- 4.54	5.24	4.98	- 5.50
	HGB (g/dL)	5.8	5.5	- 6.1	11.8	11.2	- 12.4	15.9	15.1	- 16.7
	HCT (%)	17.6	16.4	- 18.8	34.7	32.6	- 36.8	45.0	42.3	- 47.7
	MCV (fL)	76.3	66.8	- 86.7	80.2	71.9	- 89.6	86.0	76.9	- 95.8
	MCH (pg)	25.1	22.3	- 28.3	27.2	24.7	- 30.2	30.4	27.5	- 33.5
	MCHC (g/dL)	33.0	29.0	- 37.6	33.9	30.5	- 38.0	35.3	31.7	- 39.5
	PLT (10 <sup>9</sup> /L)	58	29	- 87	215	183	- 247	491	417	- 565
	RDW-SD (fL)	44.3	39.9	- 48.7	42.4	38.2	- 46.6	42.4	38.2	- 46.6
	RDW-CV (%)	16.0	14.4	- 17.6	14.7	13.2	- 16.2	13.7	12.3	- 15.1
	MPV (fL)	9.3	8.6	- 10.0	9.5	8.9	- 10.1	9.6	9.0	- 10.2
	WBC (10 <sup>9</sup> /L)	2.94	2.50	- 3.38	6.75	6.15	- 7.36	15.89	14.61	- 17.16
	NEUT%	44.1	35.3	- 52.9	48.7	41.4	- 56.0	52.9	45.0	- 60.8
	LYMPH%	35.6	21.4	- 49.9	29.8	23.8	- 35.7	23.9	19.1	- 28.7
	MONO%	10.5	2.1	- 19.0	10.7	6.4	- 15.0	11.6	8.1	- 15.1
	EO%	9.7	6.8	- 12.6	10.8	7.6	- 14.0	11.6	8.7	- 14.5
	BASO%	64.4	45.0	- 83.7	68.4	47.9	- 89.0	74.8	56.1	- 93.4
	NEUT# (10 <sup>9</sup> /L)	1.30	1.04	- 1.56	3.29	2.80	- 3.78	8.40	7.14	- 9.66
	LYMPH# (10 <sup>9</sup> /L)	1.05	0.63	- 1.47	2.01	1.61	- 2.41	3.80	3.04	- 4.56
	MONO# (10 <sup>9</sup> /L)	0.31	0.06	- 0.56	0.72	0.29	- 1.16	1.84	1.11	- 2.58
	EO# (10 <sup>9</sup> /L)	0.29	0.20	- 0.37	0.73	0.51	- 0.95	1.84	1.38	- 2.30
BASO# (10 <sup>9</sup> /L)	1.89	1.32	- 2.46	4.62	3.24	- 6.01	11.88	8.91	- 14.84	