



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

<b>Expiration Date:</b> 2008-11-10		<b>Quality Control</b> Data Due Date #1: 29-Sep-08				<b>Quality Control</b> Data Due Date #2: 10-Nov-08				
<b>Lot Number:</b>		82340801		82340802		82340803				
<b>Control:</b>		L1:Level 1		L2:Level 2		L3:Level 3				
<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>O P E N</b>	RBC (10 <sup>12</sup> /L)	2.32	2.23	- 2.41	4.34	4.21	- 4.47	5.24	5.08	- 5.40
	HGB (g/dL)	5.9	5.7	- 6.1	11.9	11.5	- 12.3	16.1	15.6	- 16.6
	HCT (%)	17.8	16.9	- 18.7	34.7	33.1	- 36.3	45.8	43.7	- 47.9
	MCV (fL)	76.6	70.1	- 83.9	79.8	74.1	- 86.1	87.5	81.0	- 94.2
	MCH (pg)	25.4	23.5	- 27.6	27.3	25.8	- 29.1	30.7	28.9	- 32.6
	MCHC (g/dL)	33.2	30.3	- 36.3	34.2	31.8	- 37.0	35.1	32.6	- 37.9
	PLT (10 <sup>9</sup> /L)	58	35	- 81	227	202	- 252	543	494	- 592
	RDW-SD (fL)	44.1	39.7	- 48.5	42.8	38.5	- 47.1	44.1	39.7	- 48.5
	RDW-CV (%)	15.8	14.2	- 17.4	14.8	13.3	- 16.3	14.0	12.6	- 15.4
	MPV (fL)	9.6	8.8	- 10.4	9.4	8.8	- 10.0	9.7	9.1	- 10.3
	WBC (10 <sup>9</sup> /L)	3.04	2.74	- 3.34	7.58	7.13	- 8.03	16.72	15.72	- 17.72
	NEUT%	45.3	36.2	- 54.4	50.7	43.1	- 58.3	53.4	45.4	- 61.4
	LYMPH%	34.4	20.6	- 48.2	28.9	23.1	- 34.7	24.0	19.2	- 28.8
	MONO%	10.6	2.1	- 19.1	9.8	5.9	- 13.7	11.2	7.8	- 14.6
	EO%	9.7	6.8	- 12.6	10.7	7.5	- 13.9	11.4	8.6	- 14.3
BASO%	65.3	45.7	- 84.9	70.8	49.6	- 92.0	76.4	57.3	- 95.5	
NEUT# (10 <sup>9</sup> /L)	1.37	1.10	- 1.64	3.84	3.26	- 4.42	8.92	7.58	- 10.26	
LYMPH# (10 <sup>9</sup> /L)	1.05	0.63	- 1.47	2.19	1.75	- 2.63	4.02	3.22	- 4.82	
MONO# (10 <sup>9</sup> /L)	0.32	0.06	- 0.58	0.74	0.30	- 1.18	1.88	1.13	- 2.63	
EO# (10 <sup>9</sup> /L)	0.29	0.20	- 0.38	0.81	0.57	- 1.05	1.90	1.43	- 2.38	
BASO# (10 <sup>9</sup> /L)	1.98	1.39	- 2.57	5.37	3.76	- 6.98	12.78	9.59	- 15.98	



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

Expiration Date: <b>2008-11-10</b>		Quality Control Data Due Date #1: <b>29-Sep-08</b>				Quality Control Data Due Date #2: <b>10-Nov-08</b>				
Lot Number:		<b>82340801</b>		<b>82340802</b>		<b>82340803</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>C L O S E D</b>	RBC (10 <sup>12</sup> /L)	2.32	2.18	- 2.46	4.34	4.12	- 4.56	5.24	4.98	- 5.50
	HGB (g/dL)	5.9	5.5	- 6.3	11.9	11.3	- 12.5	16.1	15.3	- 16.9
	HCT (%)	17.8	16.6	- 19.0	34.7	32.6	- 36.8	45.8	43.1	- 48.5
	MCV (fL)	76.6	67.3	- 87.3	79.8	71.6	- 89.2	87.5	78.2	- 97.5
	MCH (pg)	25.4	22.6	- 28.7	27.3	24.8	- 30.3	30.7	27.8	- 34.0
	MCHC (g/dL)	33.2	29.1	- 37.8	34.2	30.7	- 38.3	35.1	31.5	- 39.3
	PLT (10 <sup>9</sup> /L)	57	28	- 85	218	185	- 251	505	429	- 581
	RDW-SD (fL)	44.1	39.7	- 48.5	42.8	38.5	- 47.1	44.1	39.7	- 48.5
	RDW-CV (%)	15.8	14.2	- 17.4	14.8	13.3	- 16.3	14.0	12.6	- 15.4
	MPV (fL)	9.6	8.8	- 10.4	9.4	8.8	- 10.0	9.7	9.1	- 10.3
	WBC (10 <sup>9</sup> /L)	2.95	2.51	- 3.39	7.20	6.55	- 7.85	16.39	15.07	- 17.70
	NEUT%	45.3	36.2	- 54.3	51.0	43.3	- 58.6	52.7	44.8	- 60.7
	LYMPH%	34.5	20.7	- 48.4	28.6	22.9	- 34.3	24.5	19.6	- 29.4
	MONO%	10.9	2.2	- 19.5	9.7	5.8	- 13.5	11.1	7.8	- 14.5
	EO%	9.3	6.5	- 12.1	10.8	7.6	- 14.0	11.6	8.7	- 14.5
	BASO%	65.8	46.1	- 85.5	69.4	48.5	- 90.2	74.9	56.2	- 93.6
	NEUT# (10 <sup>9</sup> /L)	1.33	1.07	- 1.60	3.67	3.12	- 4.22	8.64	7.35	- 9.94
	LYMPH# (10 <sup>9</sup> /L)	1.02	0.61	- 1.43	2.06	1.65	- 2.47	4.02	3.22	- 4.82
	MONO# (10 <sup>9</sup> /L)	0.32	0.06	- 0.58	0.70	0.28	- 1.11	1.82	1.09	- 2.55
	EO# (10 <sup>9</sup> /L)	0.28	0.19	- 0.36	0.78	0.54	- 1.01	1.90	1.43	- 2.38
BASO# (10 <sup>9</sup> /L)	1.94	1.36	- 2.52	4.99	3.50	- 6.49	12.27	9.20	- 15.34	