



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

Expiration Date: <b>2009-01-05</b>		Quality Control Data Due Date #1: <b>24-Nov-08</b>				Quality Control Data Due Date #2: <b>5-Jan-09</b>				
Lot Number:		<b>82900801</b>		<b>82900802</b>		<b>82900803</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)	2.30	2.21	- 2.39	4.31	4.18	- 4.44	5.21	5.05	- 5.37
	HGB (g/dL)	5.9	5.7	- 6.1	12.3	11.9	- 12.7	16.4	15.9	- 16.9
	HCT (%)	17.9	17.0	- 18.8	36.0	34.4	- 37.6	46.4	44.3	- 48.5
	MCV (fL)	78.0	71.1	- 85.1	83.7	77.4	- 90.0	89.0	82.6	- 95.9
	MCH (pg)	25.8	23.7	- 27.8	28.6	26.9	- 30.3	31.6	29.6	- 33.4
	MCHC (g/dL)	33.1	30.1	- 36.1	34.2	31.7	- 36.8	35.4	32.8	- 38.1
	PLT (10 <sup>9</sup> /L)	58	35	- 81	228	203	- 253	530	482	- 578
	RDW-SD (fL)	43.5	39.2	- 47.9	43.7	39.3	- 48.1	45.3	40.8	- 49.8
	RDW-CV (%)	15.2	13.7	- 16.7	14.4	13.0	- 15.8	14.1	12.7	- 15.5
	MPV (fL)	8.9	8.2	- 9.6	9.3	8.7	- 9.9	9.4	8.8	- 10.0
	WBC (10 <sup>9</sup> /L)	3.03	2.73	- 3.33	7.00	6.58	- 7.42	15.88	14.93	- 16.83
	NEUT%	44.8	35.8	- 53.8	49.5	42.1	- 56.9	52.3	44.5	- 60.1
	LYMPH%	35.3	21.2	- 49.4	29.0	23.2	- 34.8	24.3	19.4	- 29.2
	MONO%	10.0	2.0	- 18.0	11.3	6.8	- 15.8	12.1	8.5	- 15.7
	EO%	9.8	6.9	- 12.7	10.3	7.2	- 13.4	11.4	8.6	- 14.3
	BASO%	64.7	45.3	- 84.1	71.2	49.8	- 92.6	75.7	56.8	- 94.6
	NEUT# (10 <sup>9</sup> /L)	1.36	1.09	- 1.63	3.47	2.95	- 3.99	8.30	7.06	- 9.55
	LYMPH# (10 <sup>9</sup> /L)	1.07	0.64	- 1.50	2.03	1.62	- 2.44	3.85	3.08	- 4.62
MONO# (10 <sup>9</sup> /L)	0.30	0.06	- 0.54	0.79	0.32	- 1.26	1.92	1.15	- 2.69	
EO# (10 <sup>9</sup> /L)	0.30	0.21	- 0.39	0.72	0.50	- 0.94	1.80	1.35	- 2.25	
BASO# (10 <sup>9</sup> /L)	1.96	1.37	- 2.55	4.98	3.49	- 6.47	12.02	9.02	- 15.03	



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

Expiration Date: <b>2009-01-05</b>		Quality Control Data Due Date #1: <b>24-Nov-08</b>				Quality Control Data Due Date #2: <b>5-Jan-09</b>				
Lot Number:		<b>82900801</b>			<b>82900802</b>			<b>82900803</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)	2.30	2.16	- 2.44	4.31	4.09	- 4.53	5.21	4.95	- 5.47
	HGB (g/dL)	5.9	5.5	- 6.3	12.3	11.7	- 12.9	16.4	15.6	- 17.2
	HCT (%)	17.9	16.6	- 19.2	36.0	33.8	- 38.2	46.4	43.6	- 49.2
	MCV (fL)	78.0	68.3	- 88.6	83.7	74.8	- 93.2	89.0	79.7	- 99.4
	MCH (pg)	25.8	22.7	- 28.9	28.6	25.8	- 31.5	31.6	28.5	- 34.8
	MCHC (g/dL)	33.1	29.0	- 37.6	34.2	30.6	- 38.2	35.4	31.7	- 39.5
	PLT (10 <sup>9</sup> /L)	57	28	- 85	219	186	- 252	493	419	- 567
	RDW-SD (fL)	43.5	39.2	- 47.9	43.7	39.3	- 48.1	45.3	40.8	- 49.8
	RDW-CV (%)	15.2	13.7	- 16.7	14.4	13.0	- 15.8	14.1	12.7	- 15.5
	MPV (fL)	8.9	8.2	- 9.6	9.3	8.7	- 9.9	9.4	8.8	- 10.0
	WBC (10 <sup>9</sup> /L)	2.94	2.50	- 3.38	6.65	6.05	- 7.25	15.56	14.32	- 16.81
	NEUT%	44.8	35.8	- 53.7	49.7	42.3	- 57.2	51.7	44.0	- 59.5
	LYMPH%	35.3	21.2	- 49.4	28.7	23.0	- 34.4	24.7	19.8	- 29.7
	MONO%	10.2	2.0	- 18.4	11.2	6.7	- 15.6	12.0	8.4	- 15.6
	EO%	9.7	6.8	- 12.6	10.4	7.3	- 13.5	11.6	8.7	- 14.5
	BASO%	65.4	45.7	- 85.0	69.6	48.8	- 90.5	74.1	55.6	- 92.7
	NEUT# (10 <sup>9</sup> /L)	1.32	1.05	- 1.58	3.31	2.81	- 3.80	8.05	6.84	- 9.26
	LYMPH# (10 <sup>9</sup> /L)	1.04	0.62	- 1.45	1.91	1.53	- 2.29	3.85	3.08	- 4.62
MONO# (10 <sup>9</sup> /L)	0.30	0.06	- 0.54	0.74	0.30	- 1.19	1.86	1.12	- 2.61	
EO# (10 <sup>9</sup> /L)	0.29	0.20	- 0.37	0.69	0.48	- 0.90	1.80	1.35	- 2.25	
BASO# (10 <sup>9</sup> /L)	1.92	1.34	- 2.50	4.63	3.24	- 6.02	11.54	8.65	- 14.42	