



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

<b>Expiration Date:</b> 2011-12-05		<b>Quality Control</b> Data Due Date #1: 24-Oct-11			<b>Quality Control</b> Data Due Date #2: 5-Dec-11		
<b>Lot Number:</b>		12560801		12560802		12560803	
<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>O P E N</b>	RBC (10 <sup>12</sup> /L)	2.33	2.24	- 2.42	4.28	4.15	- 4.41
	HGB (g/dL)	5.8	5.6	- 6.0	12.3	11.9	- 12.7
	HCT (%)	17.6	16.7	- 18.5	35.9	34.3	- 37.5
	MCV (fL)	75.5	69.0	- 82.6	83.8	77.8	- 90.4
	MCH (pg)	24.9	23.0	- 27.0	28.8	27.1	- 30.5
	MCHC (g/dL)	33.0	30.1	- 36.1	34.4	31.8	- 37.0
	PLT (10 <sup>9</sup> /L)	56	34	- 78	229	204	- 254
	RDW-SD (fL)	46.5	41.9	- 51.2	43.6	39.2	- 48.0
	RDW-CV (%)	16.8	15.1	- 18.5	14.3	12.9	- 15.7
	MPV (fL)	9.3	8.6	- 10.0	9.6	9.0	- 10.2
	WBC (10 <sup>9</sup> /L)	3.09	2.78	- 3.40	7.17	6.74	- 7.60
	NEUT%	44.4	35.5	- 53.3	49.5	42.1	- 56.9
	LYMPH%	36.4	21.8	- 51.0	30.2	24.2	- 36.2
	MONO%	9.8	2.0	- 17.6	10.2	6.1	- 14.3
	EO%	9.4	6.6	- 12.2	10.1	7.1	- 13.1
	BASO%	63.5	44.5	- 82.6	69.0	48.3	- 89.7
	NEUT# (10 <sup>9</sup> /L)	1.37	1.10	- 1.64	3.55	3.02	- 4.08
	LYMPH# (10 <sup>9</sup> /L)	1.12	0.67	- 1.57	2.16	1.73	- 2.59
MONO# (10 <sup>9</sup> /L)	0.30	0.06	- 0.54	0.73	0.29	- 1.17	
EO# (10 <sup>9</sup> /L)	0.29	0.20	- 0.38	0.73	0.51	- 0.95	
BASO# (10 <sup>9</sup> /L)	1.96	1.37	- 2.55	4.94	3.46	- 6.42	
					12.56	9.42	- 15.70



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

<b>Expiration Date: 2011-12-05</b>		<b>Quality Control Data Due Date #1: 24-Oct-11</b>			<b>Quality Control Data Due Date #2: 5-Dec-11</b>				
<b>Lot Number:</b>		<b>12560801</b>		<b>12560802</b>		<b>12560803</b>			
<b>Control:</b>		<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 M O D E</b>	RBC (10 <sup>12</sup> /L)	2.33	2.19 - 2.47	4.28	4.07 - 4.49	5.13	4.87 - 5.39		
	HGB (g/dL)	5.8	5.5 - 6.1	12.3	11.7 - 12.9	16.0	15.2 - 16.8		
	HCT (%)	17.6	16.4 - 18.8	35.9	33.7 - 38.1	45.4	42.7 - 48.1		
	MCV (fL)	75.5	66.3 - 86.0	83.8	75.1 - 93.6	88.5	79.2 - 98.7		
	MCH (pg)	24.9	22.1 - 28.1	28.8	26.0 - 31.8	31.1	28.2 - 34.5		
	MCHC (g/dL)	33.0	29.0 - 37.6	34.4	30.7 - 38.3	35.2	31.6 - 39.4		
	PLT (10 <sup>9</sup> /L)	55	27 - 82	220	187 - 253	490	417 - 564		
	RDW-SD (fL)	46.5	41.9 - 51.2	43.6	39.2 - 48.0	43.8	39.4 - 48.2		
	RDW-CV (%)	16.8	15.1 - 18.5	14.3	12.9 - 15.7	13.6	12.2 - 15.0		
	MPV (fL)	9.3	8.6 - 10.0	9.6	9.0 - 10.2	9.8	9.2 - 10.4		
	WBC (10 <sup>9</sup> /L)	3.00	2.55 - 3.45	6.81	6.20 - 7.42	16.53	15.21 - 17.86		
	NEUT%	44.6	35.6 - 53.5	49.8	42.4 - 57.3	51.1	43.4 - 58.7		
	LYMPH%	36.2	21.7 - 50.7	29.8	23.8 - 35.8	25.7	20.6 - 30.8		
	MONO%	10.0	2.0 - 18.0	10.1	6.0 - 14.1	11.7	8.2 - 15.2		
	EO%	9.2	6.4 - 11.9	10.3	7.2 - 13.4	11.6	8.7 - 14.4		
	BASO%	64.1	44.9 - 83.3	67.4	47.2 - 87.7	72.9	54.7 - 91.2		
	NEUT# (10 <sup>9</sup> /L)	1.34	1.07 - 1.60	3.39	2.88 - 3.90	8.44	7.18 - 9.71		
	LYMPH# (10 <sup>9</sup> /L)	1.09	0.65 - 1.52	2.03	1.62 - 2.44	4.25	3.40 - 5.10		
	MONO# (10 <sup>9</sup> /L)	0.30	0.06 - 0.54	0.69	0.27 - 1.10	1.93	1.16 - 2.70		
	EO# (10 <sup>9</sup> /L)	0.28	0.19 - 0.36	0.70	0.49 - 0.91	1.91	1.43 - 2.39		
BASO# (10 <sup>9</sup> /L)	1.92	1.34 - 2.50	4.59	3.22 - 5.97	12.06	9.04 - 15.07			