



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

Expiration Date: <b>2012-01-30</b>		Quality Control Data Due Date #1: <b>19-Dec-11</b>			Quality Control Data Due Date #2: <b>30-Jan-12</b>		
Lot Number:		<b>13120801</b>		<b>13120802</b>		<b>13120803</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)	2.26	2.17 - 2.35	4.31	4.18 - 4.44	5.13	4.98 - 5.28
	HGB (g/dL)	5.7	5.5 - 5.9	12.4	12.0 - 12.8	15.9	15.4 - 16.4
	HCT (%)	17.4	16.5 - 18.3	36.3	34.7 - 37.9	45.6	43.5 - 47.7
	MCV (fL)	76.8	70.3 - 84.2	84.4	78.1 - 90.7	89.0	82.4 - 95.8
	MCH (pg)	25.2	23.3 - 27.3	28.7	27.1 - 30.5	31.1	29.2 - 32.9
	MCHC (g/dL)	32.8	30.0 - 35.9	34.1	31.7 - 36.8	34.9	32.4 - 37.6
	PLT (10 <sup>9</sup> /L)	59	35 - 83	230	205 - 255	550	501 - 600
	RDW-SD (fL)	45.0	40.5 - 49.5	43.8	39.4 - 48.2	44.9	40.4 - 49.4
	RDW-CV (%)	16.1	14.5 - 17.7	14.3	12.9 - 15.7	13.9	12.5 - 15.3
	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)	3.03	2.73 - 3.33	6.97	6.55 - 7.39	16.56	15.57 - 17.55
	NEUT%	45.3	36.2 - 54.4	47.9	40.7 - 55.1	51.9	44.1 - 59.7
	LYMPH%	34.3	20.6 - 48.0	30.3	24.2 - 36.4	26.3	21.0 - 31.6
	MONO%	10.8	2.2 - 19.4	11.6	7.0 - 16.2	10.6	7.4 - 13.8
	EO%	9.6	6.7 - 12.5	10.2	7.1 - 13.3	11.2	8.4 - 14.0
	BASO%	65.6	45.9 - 85.3	69.9	48.9 - 90.9	73.7	55.3 - 92.1
	NEUT# (10 <sup>9</sup> /L)	1.37	1.10 - 1.64	3.34	2.84 - 3.84	8.60	7.31 - 9.89
	LYMPH# (10 <sup>9</sup> /L)	1.04	0.62 - 1.46	2.11	1.69 - 2.53	4.35	3.48 - 5.22
MONO# (10 <sup>9</sup> /L)	0.33	0.07 - 0.59	0.81	0.32 - 1.30	1.76	1.06 - 2.46	
EO# (10 <sup>9</sup> /L)	0.29	0.20 - 0.38	0.71	0.50 - 0.92	1.85	1.39 - 2.31	
BASO# (10 <sup>9</sup> /L)	1.99	1.39 - 2.59	4.87	3.41 - 6.33	12.21	9.16 - 15.26	



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

Expiration Date: <b>2012-01-30</b>		Quality Control Data Due Date #1: 19-Dec-11			Quality Control Data Due Date #2: 30-Jan-12				
Lot Number:		13120801		13120802		13120803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
CLOSED	RBC (10 <sup>12</sup> /L)	2.26	2.12 - 2.40	4.31	4.09 - 4.53	5.13	4.87 - 5.39		
	HGB (g/dL)	5.7	5.4 - 6.0	12.4	11.8 - 13.0	15.9	15.1 - 16.7		
	HCT (%)	17.4	16.2 - 18.6	36.3	34.1 - 38.5	45.6	42.9 - 48.3		
	MCV (fL)	76.8	67.5 - 87.6	84.4	75.4 - 94.0	89.0	79.6 - 99.2		
	MCH (pg)	25.2	22.4 - 28.4	28.7	26.0 - 31.8	31.1	28.0 - 34.3		
	MCHC (g/dL)	32.8	28.8 - 37.3	34.1	30.6 - 38.2	34.9	31.3 - 38.9		
	PLT (10 <sup>9</sup> /L)	58	29 - 87	221	188 - 254	512	435 - 588		
	RDW-SD (fL)	45.0	40.5 - 49.5	43.8	39.4 - 48.2	44.9	40.4 - 49.4		
	RDW-CV (%)	16.1	14.5 - 17.7	14.3	12.9 - 15.7	13.9	12.5 - 15.3		
	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)	2.94	2.50 - 3.38	6.62	6.03 - 7.22	16.23	14.93 - 17.53		
	NEUT%	45.1	36.1 - 54.1	48.3	41.0 - 55.5	51.3	43.6 - 59.0		
	LYMPH%	34.3	20.6 - 48.1	30.0	24.0 - 35.9	26.8	21.4 - 32.2		
	MONO%	11.2	2.2 - 20.2	11.5	6.9 - 16.1	10.5	7.4 - 13.7		
	EO%	9.4	6.6 - 12.2	10.3	7.2 - 13.4	11.4	8.5 - 14.2		
	BASO%	66.4	46.4 - 86.3	68.4	47.9 - 88.9	72.2	54.2 - 90.3		
	NEUT# (10 <sup>9</sup> /L)	1.32	1.06 - 1.59	3.20	2.72 - 3.67	8.32	7.07 - 9.57		
	LYMPH# (10 <sup>9</sup> /L)	1.01	0.61 - 1.41	1.98	1.59 - 2.38	4.35	3.48 - 5.22		
	MONO# (10 <sup>9</sup> /L)	0.33	0.07 - 0.59	0.76	0.30 - 1.22	1.71	1.02 - 2.39		
	EO# (10 <sup>9</sup> /L)	0.28	0.19 - 0.36	0.68	0.48 - 0.89	1.85	1.39 - 2.31		
BASO# (10 <sup>9</sup> /L)	1.95	1.37 - 2.54	4.53	3.17 - 5.89	11.72	8.79 - 14.65			