



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

Expiration Date: <b>2019-08-05</b>		Quality Control Data Due Date #1: <b>24-Jun-19</b>				Quality Control Data Due Date #2: <b>5-Aug-19</b>			
Lot Number:		91350801		91350802		91350803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
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	4.38	4.25 - 4.51	5.27	5.11 - 5.43		
	HGB (g/dL)	5.6	5.4 - 5.8	11.9	11.6 - 12.3	15.7	15.2 - 16.2		
	HCT (%)	17.2	16.2 - 18.2	34.7	33.0 - 36.4	44.7	42.5 - 46.9		
	MCV (fL)	74.8	70.3 - 79.3	79.2	74.4 - 84.0	84.8	80.6 - 89.0		
	MCH (pg)	24.4	23.2 - 25.6	27.2	26.1 - 28.3	29.8	28.6 - 31.0		
	MCHC (g/dL)	32.7	30.1 - 35.3	34.3	31.9 - 36.7	35.1	32.6 - 37.6		
	PLT (10 <sup>9</sup> /L)	61	47 - 75	240	216 - 264	577	531 - 623		
	RDW-SD (fL)	44.0	40.0 - 48.0	45.6	41.5 - 49.7	45.8	41.7 - 49.9		
	RDW-CV (%)	16.3	15.0 - 17.6	15.8	14.9 - 16.7	15.0	14.1 - 15.9		
	MPV (fL)	8.6	7.5 - 9.7	9.0	8.3 - 9.7	9.1	8.5 - 9.7		
	WBC (10 <sup>9</sup> /L)	2.99	2.63 - 3.35	7.00	6.37 - 7.63	16.39	15.08 - 17.70		
	NEUT%	43.2	37.2 - 49.2	47.2	42.5 - 51.9	51.1	46.0 - 56.2		
	LYMPH%	38.1	31.2 - 45.0	34.4	29.2 - 39.6	29.2	24.8 - 33.6		
	MONO%	9.7	4.5 - 14.9	8.7	5.3 - 12.1	8.8	5.4 - 12.2		
	EO%	9.0	5.6 - 12.4	9.7	6.1 - 13.3	10.9	7.0 - 14.8		
	BASO%	63.9	56.9 - 70.9	66.9	62.2 - 71.6	72.7	69.8 - 75.6		
	NEUT# (10 <sup>9</sup> /L)	1.29	1.03 - 1.55	3.30	2.81 - 3.80	8.38	7.29 - 9.47		
LYMPH# (10 <sup>9</sup> /L)	1.14	0.88 - 1.40	2.41	1.95 - 2.87	4.79	3.98 - 5.60			
MONO# (10 <sup>9</sup> /L)	0.29	0.13 - 0.45	0.61	0.35 - 0.87	1.44	0.86 - 2.02			
EO# (10 <sup>9</sup> /L)	0.27	0.16 - 0.38	0.68	0.41 - 0.95	1.78	1.12 - 2.44			
BASO# (10 <sup>9</sup> /L)	1.91	1.57 - 2.25	4.68	4.07 - 5.29	11.92	10.73 - 13.11			



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CLOSED MODE ASSAY

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Lot Number:		91350801		91350802		91350803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
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	2.21 - 2.39	4.38	4.25 - 4.51	5.22	5.06 - 5.38		
	HGB (g/dL)	5.7	5.4 - 5.9	11.9	11.5 - 12.2	15.5	15.1 - 16.0		
	HCT (%)	17.2	16.2 - 18.2	34.7	33.0 - 36.4	44.7	42.5 - 46.9		
	MCV (fL)	74.8	70.3 - 79.3	79.2	74.4 - 84.0	85.6	81.3 - 89.9		
	MCH (pg)	24.6	23.4 - 25.8	27.1	26.0 - 28.2	29.8	28.6 - 31.0		
	MCHC (g/dL)	32.8	30.2 - 35.4	34.1	31.7 - 36.5	34.8	32.4 - 37.2		
	PLT (10 <sup>9</sup> /L)	61	47 - 75	235	212 - 259	542	499 - 585		
	RDW-SD (fL)	43.6	39.7 - 47.5	45.1	41.0 - 49.2	45.8	41.7 - 49.9		
	RDW-CV (%)	16.1	14.8 - 17.4	15.6	14.7 - 16.5	15.0	14.1 - 15.9		
	MPV (fL)	8.6	7.5 - 9.7	9.0	8.3 - 9.7	9.1	8.5 - 9.7		
	WBC (10 <sup>9</sup> /L)	2.90	2.55 - 3.25	6.58	5.99 - 7.17	16.06	14.78 - 17.34		
	NEUT%	43.7	37.6 - 49.8	46.7	42.0 - 51.4	51.3	46.2 - 56.4		
	LYMPH%	37.6	30.8 - 44.4	34.8	29.6 - 40.0	29.0	24.7 - 33.4		
	MONO%	9.7	4.5 - 14.9	8.8	5.4 - 12.2	8.7	5.3 - 12.1		
	EO%	9.0	5.6 - 12.4	9.7	6.1 - 13.3	11.0	7.0 - 15.0		
	BASO%	63.8	56.8 - 70.8	67.6	62.9 - 72.3	72.7	69.3 - 76.1		
	NEUT# (10 <sup>9</sup> /L)	1.27	1.02 - 1.52	3.07	2.61 - 3.53	8.25	7.18 - 9.32		
LYMPH# (10 <sup>9</sup> /L)	1.09	0.84 - 1.34	2.29	1.85 - 2.73	4.65	3.86 - 5.44			
MONO# (10 <sup>9</sup> /L)	0.28	0.12 - 0.44	0.58	0.34 - 0.82	1.40	0.84 - 1.96			
EO# (10 <sup>9</sup> /L)	0.26	0.16 - 0.36	0.64	0.39 - 0.89	1.76	1.11 - 2.41			
BASO# (10 <sup>9</sup> /L)	1.85	1.52 - 2.18	4.45	3.87 - 5.03	11.68	10.51 - 12.85			