



**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES  
OPEN MODE ASSAY**

<b>Expiration Date</b> <b>2008-09-15</b>		<b>Quality Control</b> Data Due Date #1: <b>4-Aug-08</b>			<b>Quality Control</b> Data Due Date #2: <b>15-Sep-08</b>				
<b>Lot Number:</b>		<b>81780801</b>		<b>81780802</b>		<b>81780803</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>O P E N</b>	RBC (10 <sup>12</sup> /L)	2.32	2.23 - 2.41	4.33	4.20 - 4.46	5.27	5.11 - 5.43		
	HGB (g/dL)	5.8	5.6 - 6.0	11.7	11.3 - 12.1	15.8	15.3 - 16.3		
	HCT (%)	17.9	17.0 - 18.8	35.0	33.4 - 36.6	45.9	43.8 - 48.0		
	MCV (fL)	77.0	70.5 - 84.4	80.7	74.9 - 87.1	87.1	80.8 - 93.8		
	MCH (pg)	25.0	23.1 - 27.1	27.0	25.4 - 28.7	30.0	28.2 - 31.8		
	MCHC (g/dL)	32.4	29.6 - 35.5	33.5	31.0 - 36.1	34.5	32.0 - 37.1		
	PLT (10 <sup>9</sup> /L)	58	35 - 81	211	188 - 234	495	450 - 540		
	RDW-SD (fL)	45.1	40.6 - 49.6	43.0	38.7 - 47.3	43.5	39.2 - 47.9		
	RDW-CV (%)	16.4	14.8 - 18.0	15.3	13.8 - 16.8	14.3	12.9 - 15.7		
	MPV (fL)	9.2	8.5 - 9.9	9.6	9.0 - 10.2	9.8	9.2 - 10.4		
	WBC (10 <sup>9</sup> /L)	2.97	2.67 - 3.27	7.17	6.74 - 7.60	16.11	15.14 - 17.08		
	NEUT%	43.9	35.1 - 52.7	47.4	40.3 - 54.5	52.7	44.8 - 60.6		
	LYMPH%	35.4	21.2 - 49.6	30.6	24.5 - 36.7	23.8	19.0 - 28.6		
	MONO%	11.4	2.3 - 20.5	11.7	7.0 - 16.4	12.6	8.8 - 16.4		
	EO%	9.2	6.4 - 12.0	10.3	7.2 - 13.4	10.8	8.1 - 13.5		
	BASO%	63.6	44.5 - 82.7	68.9	48.2 - 89.6	78.9	59.2 - 98.6		
	NEUT# (10 <sup>9</sup> /L)	1.31	1.05 - 1.57	3.40	2.89 - 3.91	8.50	7.23 - 9.78		
	LYMPH# (10 <sup>9</sup> /L)	1.05	0.63 - 1.47	2.20	1.76 - 2.64	3.84	3.07 - 4.61		
	MONO# (10 <sup>9</sup> /L)	0.34	0.07 - 0.61	0.84	0.50 - 1.18	2.03	1.22 - 2.84		
	EO# (10 <sup>9</sup> /L)	0.27	0.19 - 0.35	0.74	0.52 - 0.96	1.75	1.31 - 2.19		
BASO# (10 <sup>9</sup> /L)	1.89	1.32 - 2.46	4.94	3.46 - 6.42	12.72	9.54 - 15.90			
PLT-O (10 <sup>9</sup> /L)	52	29 - 75	203	173 - 233	512	435 - 589			
RET# (10 <sup>12</sup> /L)	0.1652	0.1156 - 0.2148	0.1155	0.0809 - 0.1502	0.0512	0.0358 - 0.0666			
RET%	7.11	4.98 - 9.24	2.73	1.91 - 3.55	0.97	0.68 - 1.26			
IRF (%)	29.3	9.3 - 49.3	26.0	6.0 - 46.0	19.8	0.0 - 39.8			



**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES  
CLOSED MODE ASSAY**

Expiration Date: <b>2008-09-15</b>		Quality Control Data Due Date #1: <b>4-Aug-08</b>			Quality Control Data Due Date #2: <b>15-Sep-08</b>					
Lot Number:		81780801		81780802		81780803				
Control:		L1:Level 1		L2:Level 2		L3:Level 3				
C L O S E D	<b>PARAMETERS</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>		<b>MEAN</b>	<b>EXPECTED RANGE</b>		<b>MEAN</b>	<b>EXPECTED RANGE</b>	
	RBC (10 <sup>12</sup> /L)	2.32	2.18	- 2.46	4.33	4.11	- 4.55	5.27	5.01	- 5.53
	HGB (g/dL)	5.8	5.5	- 6.1	11.7	11.1	- 12.3	15.8	15.0	- 16.6
	HCT (%)	17.9	16.6	- 19.2	35.0	32.9	- 37.1	45.9	43.1	- 48.7
	MCV (fL)	77.0	67.7	- 87.8	80.7	72.4	- 90.2	87.1	78.0	- 97.2
	MCH (pg)	25.0	22.2	- 28.2	27.0	24.4	- 29.9	30.0	27.1	- 33.1
	MCHC (g/dL)	32.4	28.5	- 36.9	33.5	30.0	- 37.3	34.5	30.9	- 38.5
	PLT (10 <sup>9</sup> /L)	57	28	- 85	203	172	- 233	460	391	- 529
	RDW-SD (fL)	45.1	40.6	- 49.6	43.0	38.7	- 47.3	43.5	39.2	- 47.9
	RDW-CV (%)	16.4	14.8	- 18.0	15.3	13.8	- 16.8	14.3	12.9	- 15.7
	MPV (fL)	9.2	8.5	- 9.9	9.6	9.0	- 10.2	9.8	9.2	- 10.4
	WBC (10 <sup>9</sup> /L)	2.88	2.45	- 3.31	6.81	6.20	- 7.42	15.79	14.52	- 17.05
	NEUT%	43.9	35.2	- 52.7	47.6	40.5	- 54.8	52.1	44.3	- 59.9
	LYMPH%	35.4	21.2	- 49.5	30.4	24.3	- 36.4	24.3	19.5	- 29.2
	MONO%	11.8	2.4	- 21.2	11.6	7.0	- 16.2	12.5	8.7	- 16.2
	EO%	8.9	6.2	- 11.6	10.4	7.3	- 13.6	11.1	8.3	- 13.9
	BASO%	64.3	45.0	- 83.6	67.4	47.2	- 87.7	77.3	58.0	- 96.7
	NEUT# (10 <sup>9</sup> /L)	1.27	1.01	- 1.52	3.24	2.76	- 3.73	8.23	6.99	- 9.46
	LYMPH# (10 <sup>9</sup> /L)	1.02	0.61	- 1.43	2.07	1.65	- 2.48	3.84	3.07	- 4.61
	MONO# (10 <sup>9</sup> /L)	0.34	0.07	- 0.61	0.79	0.32	- 1.26	1.97	1.18	- 2.76
	EO# (10 <sup>9</sup> /L)	0.26	0.18	- 0.33	0.71	0.50	- 0.92	1.75	1.31	- 2.19
BASO# (10 <sup>9</sup> /L)	1.85	1.30	- 2.41	4.59	3.22	- 5.97	12.21	9.16	- 15.26	
PLT-O (10 <sup>9</sup> /L)	49	25	- 74	199	169	- 229	502	426	- 577	
RET# (10 <sup>12</sup> /L)	0.1652	0.1156	- 0.2148	0.1155	0.0809	- 0.1502	0.0512	0.0358	- 0.0666	
RET%	7.11	4.98	- 9.24	2.73	1.91	- 3.55	0.97	0.68	- 1.26	
IRF (%)	29.3	9.3	- 49.3	26.0	6.0	- 46.0	19.8	0.0	- 39.8	