

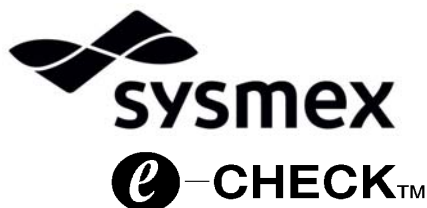
**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES  
OPEN MODE ASSAY**

Expiration Date <b>2011-10-10</b>		Quality Control Data Due Date #1: <b>29-Aug-11</b>			Quality Control Data Due Date #2: <b>10-Oct-11</b>				
Lot Number:		<b>12000801</b>		<b>12000802</b>		<b>12000803</b>			
Control:		<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>	
OPEN	RBC (10 <sup>12</sup> /L)	2.25	2.16 - 2.34	4.33	4.20 - 4.46	5.26	5.10 - 5.42		
	HGB (g/dL)	5.7	5.5 - 5.9	12.1	11.7 - 12.5	16.3	15.8 - 16.8		
	HCT (%)	17.7	16.8 - 18.6	36.0	34.4 - 37.6	47.3	45.2 - 49.4		
	MCV (fL)	78.7	71.9 - 86.0	83.3	77.1 - 89.6	90.0	83.4 - 96.9		
	MCH (pg)	25.5	23.4 - 27.4	28.0	26.3 - 29.7	30.9	29.2 - 32.9		
	MCHC (g/dL)	32.5	29.4 - 35.3	33.6	31.2 - 36.3	34.4	32.0 - 37.2		
	PLT (10 <sup>9</sup> /L)	57	34 - 80	212	189 - 235	504	459 - 549		
	RDW-SD (fL)	43.8	39.4 - 48.2	44.1	39.7 - 48.5	43.6	39.2 - 48.0		
	RDW-CV (%)	15.4	13.9 - 16.9	15.1	13.6 - 16.6	14.0	12.6 - 15.4		
	MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.5	8.9 - 10.1		
	WBC (10 <sup>9</sup> /L)	2.98	2.68 - 3.28	7.21	6.78 - 7.64	16.92	15.90 - 17.94		
	WBC-D (10 <sup>9</sup> /L) <sup>a</sup>	2.88	2.59 - 3.17	6.65	6.25 - 7.05	16.49	15.50 - 17.48		
	NEUT%	44.2	35.4 - 53.0	48.3	41.1 - 55.5	54.4	46.2 - 62.6		
	LYMPH%	34.1	20.5 - 47.7	29.6	23.7 - 35.5	23.8	19.0 - 28.6		
	MONO%	12.6	2.5 - 22.7	12.2	7.3 - 17.1	10.7	7.5 - 13.9		
	EO%	9.2	6.4 - 12.0	9.9	6.9 - 12.9	11.0	8.3 - 13.8		
	BASO%	62.7	43.9 - 81.5	68.9	48.2 - 89.6	77.3	58.0 - 96.6		
	NEUT# (10 <sup>9</sup> /L)	1.32	1.06 - 1.58	3.48	2.96 - 4.00	9.21	7.83 - 10.59		
	LYMPH# (10 <sup>9</sup> /L)	1.01	0.61 - 1.41	2.13	1.70 - 2.56	4.03	3.22 - 4.84		
	MONO# (10 <sup>9</sup> /L)	0.38	0.08 - 0.68	0.88	0.53 - 1.23	1.81	1.09 - 2.53		
	EO# (10 <sup>9</sup> /L)	0.27	0.19 - 0.35	0.72	0.50 - 0.94	1.86	1.40 - 2.33		
	BASO# (10 <sup>9</sup> /L)	1.87	1.31 - 2.43	4.97	3.48 - 6.46	13.08	9.81 - 16.35		
	PLT-O (10 <sup>9</sup> /L)	51	28 - 74	198	168 - 228	521	443 - 599		
	RET# (10 <sup>12</sup> /L)	0.1396	0.0977 - 0.1815	0.0991	0.0694 - 0.1288	0.0496	0.0347 - 0.0645		
	RET%	6.21	4.35 - 8.07	2.29	1.60 - 2.98	0.94	0.66 - 1.22		
	IRF (%)	38.9	18.9 - 58.9	35.2	15.2 - 55.2	30.8	10.8 - 50.8		
	IG # <sup>b</sup>	0.35	0.32 - 0.39	0.94	0.71 - 1.18	2.57	1.80 - 3.34		
	IG % <sup>b</sup>	11.92	8.34 - 15.50	13.24	9.93 - 16.55	14.54	8.72 - 20.36		
RET-He (pg) <sup>c</sup>	24.9	17.4 - 32.4	25.0	18.8 - 31.3	25.3	15.2 - 35.4			

<sup>a</sup> WBC-D values are only available with the Sysmex XT-4000i analyzer

<sup>b</sup> IG values are only available with the Sysmex XT-Series IG Master software.

<sup>c</sup> RET-HE values are only available with the Sysmex XT-Series RET Master software.



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

Expiration Date <b>2011-10-10</b>		Quality Control Data Due Date #1: <b>29-Aug-11</b>			Quality Control Data Due Date #2: <b>10-Oct-11</b>		
Lot Number:		12000801		12000802		12000803	
Control:		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>MEAN</b>	<b>EXPECTED RANGE</b>
CLOSED	RBC (10 <sup>12</sup> /L)	2.25	2.12 - 2.39	4.33	4.11 - 4.55	5.26	5.00 - 5.52
	HGB (g/dL)	5.7	5.4 - 6.0	12.1	11.5 - 12.7	16.3	15.5 - 17.1
	HCT (%)	17.7	16.5 - 18.9	36.0	33.8 - 38.2	47.3	44.5 - 50.1
	MCV (fL)	78.7	69.0 - 89.5	83.3	74.4 - 92.8	90.0	80.5 - 100.3
	MCH (pg)	25.5	22.5 - 28.6	28.0	25.3 - 30.9	30.9	28.0 - 34.3
	MCHC (g/dL)	32.5	28.3 - 36.7	33.6	30.1 - 37.5	34.4	30.9 - 38.5
	PLT (10 <sup>9</sup> /L)	56	28 - 84	204	173 - 234	469	398 - 539
	RDW-SD (fL)	43.8	39.4 - 48.2	44.1	39.7 - 48.5	43.6	39.2 - 48.0
	RDW-CV (%)	15.4	13.9 - 16.9	15.1	13.6 - 16.6	14.0	12.6 - 15.4
	MPV (fL)	8.9	8.2 - 9.6	9.3	8.7 - 9.9	9.5	8.9 - 10.1
	WBC (10 <sup>9</sup> /L)	2.89	2.46 - 3.32	6.85	6.23 - 7.47	16.58	15.26 - 17.91
	WBC-D (10 <sup>9</sup> /L) <sup>a</sup>	2.79	2.37 - 3.21	6.32	5.75 - 6.89	16.16	14.87 - 17.45
	NEUT%	44.1	35.3 - 52.9	48.6	41.3 - 55.9	53.9	45.8 - 62.0
	LYMPH%	33.9	20.3 - 47.4	29.2	23.4 - 35.1	24.3	19.4 - 29.2
	MONO%	13.1	2.6 - 23.7	12.1	7.2 - 16.9	10.6	7.4 - 13.8
	EO%	8.9	6.2 - 11.5	10.1	7.1 - 13.1	11.2	8.4 - 14.0
	BASO%	63.4	44.4 - 82.4	67.5	47.2 - 87.7	75.7	56.8 - 94.7
	NEUT# (10 <sup>9</sup> /L)	1.27	1.02 - 1.53	3.33	2.83 - 3.83	8.94	7.60 - 10.28
	LYMPH# (10 <sup>9</sup> /L)	0.98	0.59 - 1.37	2.00	1.60 - 2.40	4.03	3.22 - 4.84
	MONO# (10 <sup>9</sup> /L)	0.38	0.08 - 0.68	0.83	0.33 - 1.32	1.76	1.05 - 2.46
	EO# (10 <sup>9</sup> /L)	0.26	0.18 - 0.33	0.69	0.48 - 0.90	1.86	1.40 - 2.33
	BASO# (10 <sup>9</sup> /L)	1.83	1.28 - 2.38	4.62	3.24 - 6.01	12.56	9.42 - 15.70
	PLT-O (10 <sup>9</sup> /L)	48	24 - 73	194	165 - 223	511	434 - 587
	RET# (10 <sup>12</sup> /L)	0.1396	0.0977 - 0.1815	0.0991	0.0694 - 0.1288	0.0496	0.0347 - 0.0645
	RET%	6.21	4.35 - 8.07	2.29	1.60 - 2.98	0.94	0.66 - 1.22
	IRF (%)	38.9	18.9 - 58.9	35.2	15.2 - 55.2	30.8	10.8 - 50.8
	IG # <sup>b</sup>	0.35	0.32 - 0.39	0.94	0.71 - 1.18	2.57	1.80 - 3.34
	IG % <sup>b</sup>	11.92	8.34 - 15.50	13.24	9.93 - 16.55	14.54	8.72 - 20.36
RET-He (pg) <sup>c</sup>	24.9	17.4 - 32.4	25.0	18.8 - 31.3	25.3	15.2 - 35.4	

<sup>a</sup> WBC-D values are only available with the Sysmex XT-4000i analyzer

<sup>b</sup> IG values are only available with the Sysmex XT-Series IG Master software.

<sup>c</sup> RET-HE values are only available with the Sysmex XT-Series RET Master software.