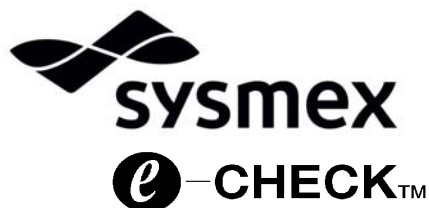


**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES  
OPEN MODE ASSAY**

<b>Expiration Date</b> <b>2011-12-05</b>		<b>Quality Control</b> Data Due Date #1: <b>24-Oct-11</b>			<b>Quality Control</b> Data Due Date #2: <b>5-Dec-11</b>		
<b>Lot Number:</b>		<b>12590801</b>		<b>12590802</b>		<b>12590803</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>
O P E N	RBC (10 <sup>12</sup> /L)	2.17	2.08 - 2.26	4.21	4.08 - 4.34	5.17	5.01 - 5.33
	HGB (g/dL)	5.5	5.3 - 5.7	12.1	11.7 - 12.5	16.2	15.7 - 16.7
	HCT (%)	17.0	16.2 - 17.9	35.8	34.2 - 37.4	46.9	44.8 - 49.0
	MCV (fL)	78.5	71.6 - 85.7	85.1	78.8 - 91.6	90.8	84.1 - 97.7
	MCH (pg)	25.4	23.4 - 27.5	28.7	27.1 - 30.5	31.3	29.5 - 33.3
	MCHC (g/dL)	32.3	29.6 - 35.4	33.8	31.4 - 36.5	34.4	32.1 - 37.3
	PLT (10 <sup>9</sup> /L)	59	35 - 83	220	196 - 244	516	470 - 562
	RDW-SD (fL)	45.2	40.7 - 49.7	46.3	41.7 - 50.9	44.0	39.6 - 48.4
	RDW-CV (%)	16.0	14.4 - 17.6	15.3	13.8 - 16.8	14.1	12.7 - 15.5
	MPV (fL)	9.0	8.3 - 9.7	9.5	8.9 - 10.1	9.7	9.1 - 10.3
	WBC (10 <sup>9</sup> /L)	2.93	2.64 - 3.22	7.33	6.89 - 7.77	16.98	15.96 - 18.00
	NEUT%	45.8	36.6 - 55.0	48.9	41.6 - 56.2	53.3	45.3 - 61.3
	LYMPH%	34.7	20.8 - 48.6	30.4	24.3 - 36.5	24.6	19.7 - 29.5
	MONO%	10.2	2.0 - 18.4	10.3	6.2 - 14.4	11.2	7.8 - 14.6
	EO%	9.3	6.5 - 12.1	10.4	7.3 - 13.5	11.0	8.3 - 13.8
	BASO%	63.0	44.1 - 81.9	69.0	48.3 - 89.7	77.3	58.0 - 96.6
	NEUT# (10 <sup>9</sup> /L)	1.34	1.07 - 1.61	3.58	3.04 - 4.12	9.05	7.69 - 10.41
	LYMPH# (10 <sup>9</sup> /L)	1.02	0.61 - 1.43	2.23	1.78 - 2.68	4.17	3.34 - 5.00
	MONO# (10 <sup>9</sup> /L)	0.30	0.06 - 0.54	0.75	0.45 - 1.05	1.89	1.13 - 2.65
	EO# (10 <sup>9</sup> /L)	0.27	0.19 - 0.35	0.76	0.53 - 0.99	1.87	1.40 - 2.34
	BASO# (10 <sup>9</sup> /L)	1.85	1.30 - 2.41	5.05	3.54 - 6.57	13.12	9.84 - 16.40
	PLT-O (10 <sup>9</sup> /L)	53	29 - 77	210	179 - 242	541	460 - 622
	RET# (10 <sup>12</sup> /L)	0.1191	0.0834 - 0.1548	0.0844	0.0591 - 0.1097	0.0508	0.0356 - 0.0660
	RET%	5.49	3.84 - 7.14	2.01	1.41 - 2.61	0.98	0.69 - 1.27
IRF (%)	42.1	22.1 - 62.1	36.8	16.8 - 56.8	28.7	8.7 - 48.7	
IG # <sup>a</sup>	0.35	0.32 - 0.39	0.97	0.73 - 1.21	2.53	1.77 - 3.29	
IG % <sup>a</sup>	12.31	8.62 - 16.00	13.31	9.98 - 16.64	14.26	8.56 - 19.96	
RET-He (pg) <sup>b</sup>	24.5	17.2 - 31.9	24.8	18.6 - 31.0	25.2	15.1 - 35.3	

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

<sup>b</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>2011-12-05</b>		Quality Control Data Due Date #1: <b>24-Oct-11</b>			Quality Control Data Due Date #2: <b>5-Dec-11</b>					
Lot Number:		<b>12590801</b>		<b>12590802</b>		<b>12590803</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>		
<b>C L O S E D M O D E</b>	RBC (10 <sup>12</sup> /L)	2.17	2.04 - 2.30		4.21	4.00 - 4.42		5.17	4.91 - 5.43	
	HGB (g/dL)	5.5	5.2 - 5.8		12.1	11.5 - 12.7		16.2	15.4 - 17.0	
	HCT (%)	17.0	15.8 - 18.2		35.8	33.7 - 37.9		46.9	44.1 - 49.7	
	MCV (fL)	78.5	68.7 - 89.2		85.1	76.1 - 94.9		90.8	81.2 - 101.2	
	MCH (pg)	25.4	22.5 - 28.6		28.7	26.0 - 31.8		31.3	28.4 - 34.6	
	MCHC (g/dL)	32.3	28.4 - 36.9		33.8	30.3 - 37.8		34.4	31.0 - 38.6	
	PLT (10 <sup>9</sup> /L)	58	29 - 87		211	180 - 243		480	408 - 552	
	RDW-SD (fL)	45.2	40.7 - 49.7		46.3	41.7 - 50.9		44.0	39.6 - 48.4	
	RDW-CV (%)	16.0	14.4 - 17.6		15.3	13.8 - 16.8		14.1	12.7 - 15.5	
	MPV (fL)	9.0	8.3 - 9.7		9.5	8.9 - 10.1		9.7	9.1 - 10.3	
	WBC (10 <sup>9</sup> /L)	2.84	2.41 - 3.27		6.96	6.33 - 7.59		16.64	15.31 - 17.97	
	NEUT%	45.3	36.2 - 54.4		49.1	41.7 - 56.5		52.7	44.8 - 60.6	
	LYMPH%	34.9	20.9 - 48.9		30.2	24.2 - 36.2		25.1	20.1 - 30.1	
	MONO%	10.6	2.1 - 19.1		10.2	6.1 - 14.3		11.0	7.7 - 14.3	
	EO%	9.2	6.4 - 12.0		10.5	7.4 - 13.7		11.2	8.4 - 14.0	
	BASO%	63.7	44.6 - 82.8		67.5	47.3 - 87.8		75.7	56.8 - 94.6	
	NEUT# (10 <sup>9</sup> /L)	1.29	1.03 - 1.55		3.42	2.91 - 3.93		8.77	7.45 - 10.09	
	LYMPH# (10 <sup>9</sup> /L)	0.99	0.59 - 1.39		2.10	1.68 - 2.52		4.17	3.34 - 5.00	
	MONO# (10 <sup>9</sup> /L)	0.30	0.06 - 0.54		0.71	0.28 - 1.14		1.83	1.10 - 2.56	
	EO# (10 <sup>9</sup> /L)	0.26	0.18 - 0.34		0.73	0.51 - 0.95		1.87	1.40 - 2.34	
	BASO# (10 <sup>9</sup> /L)	1.81	1.27 - 2.35		4.70	3.29 - 6.11		12.60	9.45 - 15.75	
	PLT-O (10 <sup>9</sup> /L)	50	25 - 76		206	175 - 237		530	451 - 610	
	RET# (10 <sup>12</sup> /L)	0.1191	0.0834 - 0.1548		0.0844	0.0591 - 0.1097		0.0508	0.0356 - 0.0660	
	RET%	5.49	3.84 - 7.14		2.01	1.41 - 2.61		0.98	0.69 - 1.27	
	IRF (%)	42.1	22.1 - 62.1		36.8	16.8 - 56.8		28.7	8.7 - 48.7	
	IG # <sup>a</sup>	0.35	0.32 - 0.39		0.97	0.73 - 1.21		2.53	1.77 - 3.29	
	IG % <sup>a</sup>	12.31	8.62 - 16.00		13.31	9.98 - 16.64		14.26	8.56 - 19.96	
	RET-He (pg) <sup>b</sup>	24.5	17.2 - 31.9		24.8	18.6 - 31.0		25.2	15.1 - 35.3	

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

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