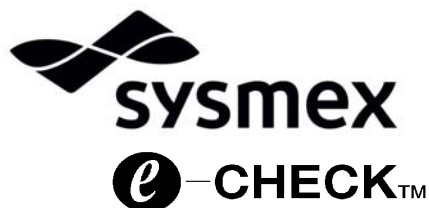


**HEMATOLOGY CONTROL FOR SYSMEX XT-SERIES
OPEN MODE ASSAY**

Expiration Date 2012-01-30		Quality Control Data Due Date #1: 19-Dec-11			Quality Control Data Due Date #2: 30-Jan-12				
Lot Number:		13140801		13140802		13140803			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
O P E N	RBC (10 ¹² /L)	2.24	2.15 - 2.33	4.35	4.22 - 4.48	5.27	5.11 - 5.43		
	HGB (g/dL)	5.7	5.5 - 5.9	12.3	11.9 - 12.7	16.4	15.9 - 16.9		
	HCT (%)	17.4	16.5 - 18.3	36.6	35.0 - 38.2	48.0	45.8 - 50.2		
	MCV (fL)	78.0	71.0 - 85.0	84.0	78.0 - 90.6	91.0	84.4 - 98.1		
	MCH (pg)	25.5	23.5 - 27.6	28.2	26.6 - 30.0	31.2	29.3 - 33.0		
	MCHC (g/dL)	32.7	30.0 - 35.9	33.6	31.2 - 36.2	34.3	31.7 - 36.8		
	PLT (10 ⁹ /L)	59	35 - 83	220	196 - 244	517	470 - 564		
	RDW-SD (fL)	44.0	39.6 - 48.4	44.6	40.1 - 49.1	45.0	40.5 - 49.5		
	RDW-CV (%)	15.6	14.0 - 17.2	15.1	13.6 - 16.6	14.2	12.8 - 15.6		
	MPV (fL)	8.8	8.1 - 9.5	9.2	8.6 - 9.8	9.5	8.9 - 10.1		
	WBC (10 ⁹ /L)	2.99	2.69 - 3.29	7.37	6.93 - 7.81	17.07	16.05 - 18.09		
	NEUT%	45.2	36.2 - 54.2	48.1	40.9 - 55.3	52.4	44.5 - 60.3		
	LYMPH%	32.5	19.5 - 45.5	29.2	23.4 - 35.0	25.4	20.3 - 30.5		
	MONO%	12.1	2.4 - 21.8	12.6	7.6 - 17.6	11.2	7.8 - 14.6		
	EO%	10.2	7.1 - 13.3	10.0	7.0 - 13.0	11.1	8.3 - 13.9		
	BASO%	65.1	45.6 - 84.6	69.6	48.7 - 90.5	76.4	57.3 - 95.5		
	NEUT# (10 ⁹ /L)	1.36	1.09 - 1.63	3.55	3.02 - 4.08	8.94	7.60 - 10.28		
	LYMPH# (10 ⁹ /L)	0.97	0.58 - 1.36	2.16	1.73 - 2.59	4.33	3.46 - 5.20		
	MONO# (10 ⁹ /L)	0.36	0.07 - 0.65	0.93	0.56 - 1.30	1.90	1.14 - 2.66		
	EO# (10 ⁹ /L)	0.30	0.21 - 0.39	0.74	0.52 - 0.96	1.90	1.43 - 2.38		
	BASO# (10 ⁹ /L)	1.95	1.37 - 2.54	5.13	3.59 - 6.67	13.03	9.77 - 16.29		
	PLT-O (10 ⁹ /L)	53	29 - 77	211	179 - 243	549	467 - 631		
	RET# (10 ¹² /L)	0.1329	0.0930 - 0.1728	0.0942	0.0659 - 0.1225	0.0500	0.0350 - 0.0650		
	RET%	5.94	4.16 - 7.72	2.16	1.51 - 2.81	0.95	0.67 - 1.24		
	IRF (%)	48.2	28.2 - 68.2	45.2	25.2 - 65.2	35.0	15.0 - 55.0		
	IG # ^a	0.35	0.32 - 0.39	0.95	0.71 - 1.19	2.53	1.77 - 3.29		
	IG % ^a	12.04	8.43 - 15.65	13.05	9.79 - 16.31	14.18	8.51 - 19.85		
	RET-He (pg) ^b	23.9	16.7 - 31.1	24.3	18.2 - 30.4	25.1	15.1 - 35.1		

^a IG values are only available with the Sysmex XT-Series IG Master software.

^b 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 2012-01-30		Quality Control Data Due Date #1: 19-Dec-11			Quality Control Data Due Date #2: 30-Jan-12		
Lot Number:		13140801		13140802		13140803	
Control:		L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS		MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
C L O S E D M O D E	RBC (10 ¹² /L)	2.24	2.11 - 2.37	4.35	4.13 - 4.57	5.27	5.01 - 5.53
	HGB (g/dL)	5.7	5.4 - 6.0	12.3	11.7 - 12.9	16.4	15.6 - 17.2
	HCT (%)	17.4	16.2 - 18.6	36.6	34.4 - 38.8	48.0	45.1 - 50.9
	MCV (fL)	78.0	68.2 - 88.4	84.0	75.3 - 93.9	91.0	81.5 - 101.6
	MCH (pg)	25.5	22.6 - 28.7	28.2	25.6 - 31.3	31.2	28.2 - 34.4
	MCHC (g/dL)	32.7	28.8 - 37.3	33.6	30.1 - 37.5	34.3	30.6 - 38.2
	PLT (10 ⁹ /L)	58	29 - 87	211	180 - 243	481	409 - 553
	RDW-SD (fL)	44.0	39.6 - 48.4	44.6	40.1 - 49.1	45.0	40.5 - 49.5
	RDW-CV (%)	15.6	14.0 - 17.2	15.1	13.6 - 16.6	14.2	12.8 - 15.6
	MPV (fL)	8.8	8.1 - 9.5	9.2	8.6 - 9.8	9.5	8.9 - 10.1
	WBC (10 ⁹ /L)	2.90	2.47 - 3.34	7.00	6.37 - 7.63	16.73	15.39 - 18.07
	NEUT%	45.2	36.2 - 54.2	48.5	41.2 - 55.8	51.7	43.9 - 59.5
	LYMPH%	32.4	19.4 - 45.4	29.0	23.2 - 34.8	25.9	20.7 - 31.1
	MONO%	12.4	2.5 - 22.3	12.4	7.4 - 17.4	11.0	7.7 - 14.3
	EO%	10.0	7.0 - 13.0	10.1	7.1 - 13.1	11.4	8.6 - 14.3
	BASO%	65.9	46.1 - 85.7	68.1	47.7 - 88.5	74.8	56.1 - 93.5
	NEUT# (10 ⁹ /L)	1.31	1.05 - 1.57	3.39	2.88 - 3.90	8.66	7.36 - 9.96
	LYMPH# (10 ⁹ /L)	0.94	0.56 - 1.32	2.03	1.62 - 2.44	4.33	3.46 - 5.20
	MONO# (10 ⁹ /L)	0.36	0.07 - 0.65	0.87	0.35 - 1.39	1.84	1.10 - 2.58
	EO# (10 ⁹ /L)	0.29	0.20 - 0.38	0.71	0.50 - 0.92	1.90	1.43 - 2.38
	BASO# (10 ⁹ /L)	1.91	1.34 - 2.48	4.77	3.34 - 6.20	12.51	9.38 - 15.64
	PLT-O (10 ⁹ /L)	50	25 - 76	207	176 - 238	538	457 - 619
	RET# (10 ¹² /L)	0.1329	0.0930 - 0.1728	0.0942	0.0659 - 0.1225	0.0500	0.0350 - 0.0650
	RET%	5.94	4.16 - 7.72	2.16	1.51 - 2.81	0.95	0.67 - 1.24
	IRF (%)	48.2	28.2 - 68.2	45.2	25.2 - 65.2	35.0	15.0 - 55.0
	IG # ^a	0.35	0.32 - 0.39	0.95	0.71 - 1.19	2.53	1.77 - 3.29
	IG % ^a	12.04	8.43 - 15.65	13.05	9.79 - 16.31	14.18	8.51 - 19.85
RET-He (pg) ^b	23.9	16.7 - 31.1	24.3	18.2 - 30.4	25.1	15.1 - 35.1	

^a IG values are only available with the Sysmex XT-Series IG Master software.

^b RET-HE values are only available with the Sysmex XT-Series RET Master software.