



HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

Expiration Date:	2010-07-19	Quality Control Data Due Date #1: 7-Jun-10		Quality Control Data Due Date #2: 19-Jul-10		
Lot Number:	01170801	01170802		01170803		
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.20	2.11 - 2.29	4.33	4.20 - 4.46	5.23	5.07 - 5.39
HGB (g/dL)	5.5	5.3 - 5.7	12.1	11.7 - 12.5	15.6	15.1 - 16.1
HCT (%)	16.8	16.0 - 17.6	35.9	34.3 - 37.5	45.7	43.6 - 47.8
MCV (fL)	76.6	69.8 - 83.5	82.9	76.9 - 89.3	87.4	81.0 - 94.1
MCH (pg)	24.9	23.1 - 27.1	28.0	26.3 - 29.7	29.9	28.1 - 31.7
MCHC (g/dL)	32.5	29.9 - 35.8	33.8	31.3 - 36.4	34.2	31.7 - 36.8
PLT (10 ⁹ /L)	56	34 - 78	215	191 - 239	512	466 - 558
RDW-SD (fL)	44.1	39.7 - 48.5	44.8	40.3 - 49.3	45.8	41.2 - 50.4
RDW-CV (%)	16.2	14.6 - 17.8	15.3	13.8 - 16.8	15.2	13.7 - 16.7
MPV (fL)	8.7	8.0 - 9.4	9.1	8.6 - 9.6	9.4	8.8 - 10.0
WBC-C (10 ⁹ /L)	2.97	2.67 - 3.27	6.80	6.39 - 7.21	17.62	16.56 - 18.68
WBC-D (10 ⁹ /L)	3.02	2.72 - 3.32	6.94	6.52 - 7.36	17.99	16.91 - 19.07
NEUT%	37.1	29.7 - 44.5	42.5	36.1 - 48.9	45.5	38.7 - 52.3
LYMPH%	38.5	23.1 - 53.9	30.7	24.6 - 36.8	26.0	20.8 - 31.2
MONO%	10.1	2.0 - 18.2	10.7	4.3 - 17.1	10.9	7.6 - 14.2
EO%	9.0	6.3 - 11.7	9.7	6.8 - 12.6	10.6	8.0 - 13.3
BASO%	5.4	3.8 - 7.0	6.4	4.5 - 8.3	7.0	5.3 - 8.8
NEUT# (10 ⁹ /L)	1.12	0.90 - 1.34	2.95	2.51 - 3.39	8.19	6.96 - 9.42
LYMPH# (10 ⁹ /L)	1.16	0.70 - 1.62	2.13	1.70 - 2.56	4.68	3.74 - 5.62
MONO# (10 ⁹ /L)	0.30	0.06 - 0.54	0.74	0.30 - 1.18	1.96	1.37 - 2.55
EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.67	0.47 - 0.87	1.91	1.43 - 2.39
BASO# (10 ⁹ /L)	0.16	0.11 - 0.21	0.44	0.31 - 0.57	1.26	0.95 - 1.58