



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:	01190801		01190802		01190803	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.22	2.13 - 2.31	4.33	4.20 - 4.46	5.25	5.09 - 5.41
HGB (g/dL)	5.8	5.6 - 6.0	12.5	12.1 - 12.9	16.2	15.7 - 16.7
HCT (%)	17.5	16.6 - 18.4	36.9	35.2 - 38.6	47.3	45.2 - 49.4
MCV (fL)	79.2	72.0 - 86.2	85.2	79.0 - 91.8	90.0	83.5 - 97.1
MCH (pg)	26.1	24.1 - 28.3	28.8	27.2 - 30.7	30.8	29.1 - 32.8
MCHC (g/dL)	33.0	30.3 - 36.3	33.8	31.4 - 36.5	34.3	31.8 - 36.9
PLT (10 ⁹ /L)	54	32 - 76	216	192 - 240	511	465 - 557
RDW-SD (fL)	44.0	39.6 - 48.4	45.3	40.8 - 49.8	46.4	41.8 - 51.0
RDW-CV (%)	15.6	14.0 - 17.2	15.3	13.8 - 16.8	14.9	13.4 - 16.4
MPV (fL)	9.0	8.3 - 9.7	9.4	8.8 - 10.0	9.6	9.0 - 10.2
WBC-C (10 ⁹ /L)	3.00	2.70 - 3.30	6.84	6.43 - 7.25	18.04	16.96 - 19.12
WBC-D (10 ⁹ /L)	3.04	2.74 - 3.34	6.97	6.55 - 7.39	18.38	17.28 - 19.48
NEUT%	37.4	29.9 - 44.9	42.4	36.0 - 48.8	45.6	38.8 - 52.4
LYMPH%	37.3	22.4 - 52.2	29.9	23.9 - 35.9	25.4	20.3 - 30.5
MONO%	10.9	2.2 - 19.6	11.2	4.5 - 17.9	11.4	8.0 - 14.8
EO%	8.7	6.1 - 11.3	10.2	7.1 - 13.3	10.5	7.9 - 13.1
BASO%	5.6	3.9 - 7.3	6.3	4.4 - 8.2	7.0	5.3 - 8.8
NEUT# (10 ⁹ /L)	1.14	0.91 - 1.37	2.95	2.51 - 3.39	8.38	7.12 - 9.64
LYMPH# (10 ⁹ /L)	1.14	0.68 - 1.60	2.09	1.67 - 2.51	4.67	3.74 - 5.60
MONO# (10 ⁹ /L)	0.33	0.07 - 0.59	0.78	0.31 - 1.25	2.09	1.46 - 2.72
EO# (10 ⁹ /L)	0.27	0.19 - 0.35	0.71	0.50 - 0.92	1.93	1.45 - 2.41
BASO# (10 ⁹ /L)	0.17	0.12 - 0.22	0.44	0.31 - 0.57	1.29	0.97 - 1.61