



HEMATOLOGY CONTROL FOR SYSMEX XS-C SERIES ANALYZERS

Expiration Date:	2010-09-13	Quality Control Data Due Date #1:	2-Aug-10	Quality Control Data Due Date #2:	13-Sep-10	
Lot Number:	01750801	01750802	01750803			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.26	2.17 - 2.35	4.33	4.20 - 4.46	5.19	5.03 - 5.35
HGB (g/dL)	5.5	5.3 - 5.7	11.9	11.5 - 12.3	15.6	15.1 - 16.1
HCT (%)	17.0	16.2 - 17.9	34.9	33.3 - 36.5	45.3	43.3 - 47.3
MCV (fL)	75.5	68.7 - 82.3	80.5	74.7 - 86.8	87.3	80.9 - 94.0
MCH (pg)	24.4	22.5 - 26.4	27.4	25.9 - 29.2	30.1	28.3 - 31.9
MCHC (g/dL)	32.4	29.6 - 35.4	34.1	31.7 - 36.8	34.5	32.0 - 37.1
PLT (10 ⁹ /L)	56	34 - 78	215	191 - 239	516	470 - 562
RDW-SD (fL)	47.7	42.9 - 52.5	46.4	41.8 - 51.0	48.5	43.7 - 53.4
RDW-CV (%)	18.2	16.4 - 20.0	17.4	15.7 - 19.1	17.1	15.4 - 18.8
MPV (fL)	9.2	8.5 - 9.9	9.7	9.1 - 10.3	10.0	9.4 - 10.6
WBC-C (10 ⁹ /L)	3.05	2.75 - 3.36	7.04	6.62 - 7.46	17.18	16.15 - 18.21
WBC-D (10 ⁹ /L)	3.08	2.77 - 3.39	7.19	6.76 - 7.62	17.51	16.46 - 18.56
NEUT%	37.6	30.1 - 45.1	41.8	35.5 - 48.1	48.1	40.9 - 55.3
LYMPH%	36.8	22.1 - 51.5	31.2	25.0 - 37.4	22.0	17.6 - 26.4
MONO%	10.8	2.2 - 19.4	11.1	4.4 - 17.8	10.7	7.5 - 13.9
EO%	9.1	6.4 - 11.8	9.6	6.7 - 12.5	11.8	8.9 - 14.8
BASO%	5.7	4.0 - 7.4	6.3	4.4 - 8.2	7.4	5.6 - 9.3
NEUT# (10 ⁹ /L)	1.16	0.93 - 1.39	3.00	2.55 - 3.45	8.42	7.16 - 9.68
LYMPH# (10 ⁹ /L)	1.13	0.68 - 1.58	2.25	1.80 - 2.70	3.85	3.08 - 4.62
MONO# (10 ⁹ /L)	0.33	0.07 - 0.59	0.80	0.32 - 1.28	1.87	1.31 - 2.43
EO# (10 ⁹ /L)	0.28	0.20 - 0.36	0.69	0.48 - 0.90	2.07	1.55 - 2.59
BASO# (10 ⁹ /L)	0.18	0.13 - 0.23	0.45	0.32 - 0.59	1.30	0.98 - 1.63