



HEMATOLOGY CONTROL FOR SYSMEX XS-C SERIES ANALYZERS

Expiration Date:	2012-04-15	Quality Control		Quality Control		
		Data Due Date #1:	9-Mar-12	Data Due Date #2:	15-Apr-12	
Lot Number:	20230804	20230805		20230806		
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.34	2.25 - 2.43	4.35	4.22 - 4.48	5.13	4.98 - 5.28
HGB (g/dL)	5.7	5.5 - 5.9	12.0	11.6 - 12.4	16.2	15.7 - 16.7
HCT (%)	18.0	17.1 - 18.9	36.0	34.4 - 37.6	47.1	45.0 - 49.2
MCV (fL)	76.7	70.3 - 84.1	82.9	76.7 - 89.2	91.8	85.1 - 98.9
MCH (pg)	24.3	22.5 - 26.4	27.5	26.0 - 29.3	31.5	29.7 - 33.5
MCHC (g/dL)	31.6	29.0 - 34.7	33.2	30.9 - 36.0	34.4	31.9 - 37.1
PLT (10 ⁹ /L)	57	34 - 80	227	202 - 252	519	472 - 566
RDW-SD (fL)	49.6	44.6 - 54.6	49.7	44.7 - 54.7	46.6	41.9 - 51.3
RDW-CV (%)	18.6	16.7 - 20.5	18.1	16.3 - 19.9	15.5	14.0 - 17.1
MPV (fL)	9.1	8.4 - 9.8	9.6	9.0 - 10.2	9.9	9.3 - 10.5
WBC-C (10 ⁹ /L)	3.02	2.72 - 3.32	6.90	6.49 - 7.31	15.80	14.85 - 16.75
WBC-D (10 ⁹ /L)	3.05	2.75 - 3.36	7.03	6.61 - 7.45	16.15	15.18 - 17.12
NEUT%	38.9	31.1 - 46.7	42.2	35.9 - 48.5	46.4	39.4 - 53.4
LYMPH%	34.7	20.8 - 48.6	30.3	24.2 - 36.4	24.7	19.8 - 29.6
MONO%	11.2	2.2 - 20.2	11.0	6.6 - 15.4	11.3	7.9 - 14.7
EO%	9.4	6.6 - 12.2	10.2	7.1 - 13.3	10.7	8.0 - 13.4
BASO%	5.8	4.1 - 7.5	6.3	4.4 - 8.2	6.9	5.2 - 8.6
NEUT# (10 ⁹ /L)	1.19	0.95 - 1.43	2.97	2.52 - 3.42	7.50	6.38 - 8.63
LYMPH# (10 ⁹ /L)	1.06	0.64 - 1.48	2.13	1.70 - 2.56	3.99	3.19 - 4.79
MONO# (10 ⁹ /L)	0.34	0.07 - 0.61	0.77	0.31 - 1.23	1.83	1.10 - 2.56
EO# (10 ⁹ /L)	0.29	0.20 - 0.38	0.72	0.50 - 0.94	1.72	1.29 - 2.15
BASO# (10 ⁹ /L)	0.18	0.13 - 0.23	0.44	0.31 - 0.57	1.12	0.84 - 1.40