



### HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2019-07-08		Quality Control Data Due Date #1:	27-May-19	Quality Control Data Due Date #2:	08-Jul-19	
Lot Number:	91070810		91070811		91070812		
Control:	L1:Level 1		L2:Level 2		L3:Level 3		
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	
RBC (10 <sup>12</sup> /L)	2.24	2.13 - 2.35	4.32	4.15 - 4.49	5.24	5.03 - 5.45	
HGB (g/dL)	5.4	5.1 - 5.8	12.0	11.5 - 12.5	16.4	15.7 - 17.0	
HCT (%)	17.0	15.8 - 18.2	35.9	33.7 - 38.1	47.3	44.5 - 50.1	
MCV (fL)	75.9	70.6 - 81.2	83.1	78.1 - 88.1	90.3	84.9 - 95.7	
MCH (pg)	24.2	22.5 - 25.9	27.8	26.1 - 29.5	31.2	29.6 - 32.8	
MCHC (g/dL)	31.9	28.7 - 35.1	33.4	30.7 - 36.1	34.6	31.8 - 37.4	
PLT (10 <sup>9</sup> /L)	55	39 - 71	218	192 - 244	525	473 - 578	
RDW-SD (fL)	44.5	39.2 - 49.8	46.9	40.8 - 53.0	45.7	39.3 - 52.1	
RDW-CV (%)	16.6	14.4 - 18.8	16.0	14.4 - 17.6	14.6	13.0 - 16.2	
MPV (fL)	8.8	7.6 - 10.0	9.1	8.3 - 9.9	9.3	8.6 - 10.0	
WBC-C (10 <sup>9</sup> /L)	3.03	2.70 - 3.36	6.91	6.29 - 7.53	18.44	16.96 - 19.92	
WBC-D (10 <sup>9</sup> /L)	2.97	2.67 - 3.27	6.68	6.08 - 7.28	17.86	16.43 - 19.29	
NEUT%	36.2	30.0 - 42.4	40.9	35.6 - 46.2	43.1	37.9 - 48.3	
LYMPH%	40.3	33.0 - 47.6	33.7	29.0 - 38.4	29.3	25.8 - 32.8	
MONO%	9.8	4.6 - 15.0	9.2	5.9 - 12.5	9.7	6.8 - 12.6	
EO%	8.3	4.6 - 12.0	10.2	5.9 - 14.5	11.0	6.3 - 15.7	
BASO%	5.4	2.6 - 8.2	6.0	3.1 - 8.9	6.8	3.6 - 10.0	
NEUT# (10 <sup>9</sup> /L)	1.07	0.82 - 1.32	2.74	2.22 - 3.26	7.71	6.40 - 9.02	
LYMPH# (10 <sup>9</sup> /L)	1.20	0.91 - 1.49	2.25	1.82 - 2.68	5.23	4.39 - 6.07	
MONO# (10 <sup>9</sup> /L)	0.29	0.13 - 0.45	0.61	0.38 - 0.84	1.74	1.18 - 2.30	
EO# (10 <sup>9</sup> /L)	0.25	0.14 - 0.37	0.68	0.38 - 0.98	1.97	1.10 - 2.84	
BASO# (10 <sup>9</sup> /L)	0.16	0.07 - 0.25	0.40	0.20 - 0.60	1.21	0.63 - 1.79	