



### HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2019-10-28</b>		<b>Quality Control Data Due Date #1: 16-Sep-19</b>		<b>Quality Control Data Due Date #2: 28-Oct-19</b>	
<b>Lot Number:</b>	92200810		92200811		92200812	
<b>Control:</b>	L1:Level 1		L2:Level 2		L3:Level 3	
<b>PARAMETERS</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>	<b>MEAN</b>	<b>EXPECTED RANGE</b>
RBC (10 <sup>12</sup> /L)	2.25	2.14 - 2.36	4.30	4.13 - 4.47	5.28	5.07 - 5.49
HGB (g/dL)	5.5	5.2 - 5.8	11.9	11.4 - 12.4	16.2	15.5 - 16.8
HCT (%)	17.2	16.0 - 18.4	35.3	33.2 - 37.4	46.9	44.1 - 49.7
MCV (fL)	76.4	71.1 - 81.7	82.1	77.2 - 87.0	88.8	83.5 - 94.1
MCH (pg)	24.4	22.7 - 26.1	27.7	26.0 - 29.4	30.6	29.1 - 32.1
MCHC (g/dL)	32.0	28.8 - 35.2	33.8	31.1 - 36.5	34.4	31.6 - 37.2
PLT (10 <sup>9</sup> /L)	55	39 - 71	218	192 - 244	511	460 - 562
RDW-SD (fL)	53.3	46.9 - 59.7	44.5	38.7 - 50.3	45.9	39.5 - 52.3
RDW-CV (%)	19.4	16.9 - 21.9	15.3	13.8 - 16.8	14.8	13.2 - 16.4
MPV (fL)	9.0	7.7 - 10.3	9.4	8.6 - 10.2	9.6	8.9 - 10.3
WBC-C (10 <sup>9</sup> /L)	2.97	2.64 - 3.30	6.82	6.21 - 7.43	18.15	16.70 - 19.60
WBC-D (10 <sup>9</sup> /L)	2.95	2.66 - 3.25	6.68	6.08 - 7.28	17.78	16.36 - 19.20
NEUT%	36.7	30.5 - 42.9	38.9	33.8 - 44.0	42.5	37.4 - 47.6
LYMPH%	39.4	32.3 - 46.5	35.3	30.4 - 40.2	30.8	27.1 - 34.5
MONO%	9.7	4.6 - 14.8	9.6	6.1 - 13.1	9.6	6.7 - 12.5
EO%	9.0	5.0 - 13.0	10.1	5.9 - 14.3	10.3	5.9 - 14.7
BASO%	5.3	2.5 - 8.1	6.1	3.2 - 9.0	6.7	3.6 - 9.8
NEUT# (10 <sup>9</sup> /L)	1.08	0.83 - 1.33	2.60	2.11 - 3.09	7.56	6.27 - 8.85
LYMPH# (10 <sup>9</sup> /L)	1.16	0.88 - 1.44	2.35	1.90 - 2.80	5.48	4.60 - 6.36
MONO# (10 <sup>9</sup> /L)	0.29	0.13 - 0.45	0.64	0.40 - 0.88	1.71	1.16 - 2.26
EO# (10 <sup>9</sup> /L)	0.26	0.14 - 0.38	0.68	0.38 - 0.98	1.83	1.02 - 2.64
BASO# (10 <sup>9</sup> /L)	0.16	0.07 - 0.25	0.41	0.21 - 0.62	1.20	0.62 - 1.78