



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

<b>Expiration Date:</b>	<b>2021-10-17</b>			<b>Quality Control Data Due Date #1: 10-Sep-2021</b>		<b>Quality Control Data Due Date #2: 17-Oct-2021</b>			
<b>Lot Number:</b>	<b>12080804</b>			<b>12080805</b>		<b>12080806</b>			
<b>Control:</b>	<b>L1:Level 1</b>			<b>L2:Level 2</b>		<b>L3:Level 3</b>			
<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)	2.30	2.18	- 2.41	4.39	4.22	- 4.57	5.24	5.03	- 5.45
HGB (g/dL)	5.9	5.5	- 6.2	12.5	12.0	- 13.0	16.1	15.5	- 16.8
HCT (%)	17.6	16.4	- 18.8	36.5	34.3	- 38.7	46.3	43.5	- 49.1
MCV (fL)	76.5	71.2	- 81.9	83.1	78.1	- 88.1	88.3	83.0	- 93.6
MCH (pg)	25.5	23.7	- 27.3	28.5	26.8	- 30.3	30.8	29.2	- 32.3
MCHC (g/dL)	33.3	30.0	- 36.7	34.3	31.6	- 37.1	34.8	32.1	- 37.6
PLT (10 <sup>9</sup> /L)	57	41	- 74	224	197	- 251	539	485	- 593
RDW-SD (fL)	43.0	39.2	- 46.9	44.1	40.1	- 48.1	45.3	40.8	- 49.8
RDW-CV (%)	15.7	14.3	- 17.2	15.1	14.1	- 16.2	14.9	13.7	- 16.1
MPV (fL)	8.8	7.6	- 10.0	9.1	8.3	- 9.9	9.4	8.7	- 10.0
WBC-C (10 <sup>9</sup> /L)	2.94	2.62	- 3.26	6.93	6.30	- 7.55	16.02	14.74	- 17.30
WBC-D (10 <sup>9</sup> /L)	2.99	2.70	- 3.29	7.06	6.43	- 7.70	16.37	15.06	- 17.68
NEUT%	37.4	32.2	- 42.7	40.0	35.6	- 44.4	43.0	38.7	- 47.3
LYMPH%	38.7	32.9	- 44.5	34.2	30.4	- 38.0	29.1	26.2	- 32.0
MONO%	9.4	5.3	- 13.6	10.2	7.1	- 13.2	10.6	7.9	- 13.2
EO%	8.8	5.5	- 12.1	9.7	6.3	- 13.1	10.8	6.9	- 14.7
BASO%	5.6	3.1	- 8.1	5.9	3.5	- 8.2	6.6	4.0	- 9.2
NEUT# (10 <sup>9</sup> /L)	1.12	0.91	- 1.33	2.83	2.40	- 3.25	7.04	6.05	- 8.03
LYMPH# (10 <sup>9</sup> /L)	1.16	0.93	- 1.39	2.42	2.03	- 2.80	4.76	4.09	- 5.42
MONO# (10 <sup>9</sup> /L)	0.28	0.15	- 0.41	0.72	0.49	- 0.95	1.73	1.28	- 2.18
EO# (10 <sup>9</sup> /L)	0.26	0.16	- 0.36	0.69	0.43	- 0.94	1.77	1.11	- 2.42
BASO# (10 <sup>9</sup> /L)	0.17	0.09	- 0.25	0.42	0.24	- 0.59	1.08	0.65	- 1.51



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

Expiration Date:	<b>2021-10-17</b>		Quality Control Data Due Date #1: 10-Sep-2021		Quality Control Data Due Date #2: 17-Oct-2021	
Lot Number:	<b>12080804</b>		<b>12080805</b>		<b>12080806</b>	
Control:	<b>L1:Level 1</b>		<b>L2:Level 2</b>		<b>L3:Level 3</b>	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 <sup>12</sup> /L)	2.33	2.21 - 2.44	4.36	4.18 - 4.53	5.17	4.96 - 5.37
HGB (g/dL)	5.8	5.5 - 6.2	12.5	12.0 - 13.0	16.1	15.4 - 16.7
HCT (%)	18.1	16.8 - 19.4	37.3	35.1 - 39.5	47.2	44.3 - 50.0
MCV (fL)	77.8	72.4 - 83.3	85.6	80.4 - 90.7	91.3	85.8 - 96.8
MCH (pg)	25.0	23.2 - 26.7	28.6	26.9 - 30.3	31.1	29.5 - 32.7
MCHC (g/dL)	32.1	28.9 - 35.3	33.4	30.7 - 36.1	34.1	31.3 - 36.8
PLT (10 <sup>9</sup> /L)	59	42 - 76	231	203 - 258	553	497 - 608
RDW-SD (fL)	45.8	41.7 - 49.9	46.6	42.4 - 50.8	48.6	43.7 - 53.4
RDW-CV (%)	17.0	15.4 - 18.5	16.6	15.4 - 17.7	16.6	15.3 - 18.0
MPV (fL)	9.3	8.0 - 10.6	9.7	8.8 - 10.6	10.0	9.3 - 10.7
WBC-C (10 <sup>9</sup> /L)	2.92	2.60 - 3.24	6.93	6.30 - 7.55	15.93	14.65 - 17.20
WBC-D (10 <sup>9</sup> /L)	3.01	2.71 - 3.31	7.18	6.53 - 7.83	16.55	15.22 - 17.87
NEUT%	37.8	32.5 - 43.0	40.0	35.6 - 44.4	43.2	38.9 - 47.5
LYMPH%	38.4	32.6 - 44.1	34.2	30.4 - 38.0	28.9	26.0 - 31.8
MONO%	9.7	5.4 - 14.0	10.2	7.1 - 13.2	10.8	8.1 - 13.5
EO%	8.4	5.3 - 11.5	9.5	6.2 - 12.8	10.3	6.6 - 14.0
BASO%	5.8	3.2 - 8.3	6.1	3.7 - 8.5	6.8	4.1 - 9.4
NEUT# (10 <sup>9</sup> /L)	1.14	0.92 - 1.35	2.88	2.44 - 3.31	7.15	6.15 - 8.15
LYMPH# (10 <sup>9</sup> /L)	1.16	0.92 - 1.39	2.46	2.06 - 2.85	4.78	4.11 - 5.45
MONO# (10 <sup>9</sup> /L)	0.29	0.16 - 0.43	0.73	0.50 - 0.97	1.78	1.32 - 2.25
EO# (10 <sup>9</sup> /L)	0.25	0.16 - 0.35	0.68	0.43 - 0.93	1.71	1.07 - 2.34
BASO# (10 <sup>9</sup> /L)	0.17	0.09 - 0.25	0.44	0.25 - 0.62	1.12	0.67 - 1.57