



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	<b>2024-07-21</b>		Quality Control Data Due Date #1: 14-Jun-2024		Quality Control Data Due Date #2: 21-Jul-2024	
Lot Number:	<b>41200804</b>		<b>41200805</b>		<b>41200806</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)	2.73	2.59 - 2.86	4.37	4.20 - 4.55	5.30	5.09 - 5.52
HGB (g/dL)	6.5	6.1 - 6.9	11.7	11.3 - 12.2	16.6	16.0 - 17.3
HCT (%)	20.1	18.7 - 21.5	34.9	32.8 - 37.0	47.9	45.0 - 50.8
MCV (fL)	73.8	68.6 - 79.0	79.9	75.1 - 84.7	90.3	84.9 - 95.7
MCH (pg)	23.9	22.3 - 25.6	26.9	25.2 - 28.5	31.3	29.8 - 32.9
MCHC (g/dL)	32.4	29.2 - 35.7	33.6	30.9 - 36.3	34.7	31.9 - 37.5
PLT (10 <sup>9</sup> /L)	57	41 - 74	223	196 - 250	529	476 - 581
RDW-SD (fL)	49.6	45.2 - 54.1	48.4	44.1 - 52.8	44.0	39.6 - 48.4
RDW-CV (%)	18.7	17.0 - 20.4	17.4	16.2 - 18.6	14.1	13.0 - 15.3
MPV (fL)	9.3	8.0 - 10.5	9.6	8.7 - 10.5	9.8	9.1 - 10.5
WBC-C (10 <sup>9</sup> /L)	2.86	2.55 - 3.18	7.08	6.44 - 7.71	16.28	14.97 - 17.58
WBC-D (10 <sup>9</sup> /L)	2.98	2.68 - 3.27	7.39	6.72 - 8.05	17.00	15.64 - 18.36
NEUT%	38.3	32.9 - 43.6	40.4	36.0 - 44.9	44.7	40.3 - 49.2
LYMPH%	36.6	31.1 - 42.1	33.7	30.0 - 37.4	27.4	24.6 - 30.1
MONO%	10.3	5.8 - 14.8	10.4	7.3 - 13.5	10.6	7.9 - 13.2
EO%	9.1	5.8 - 12.5	9.6	6.2 - 12.9	10.6	6.8 - 14.4
BASO%	5.7	3.2 - 8.1	5.9	3.5 - 8.3	6.8	4.1 - 9.4
NEUT# (10 <sup>9</sup> /L)	1.14	0.92 - 1.35	2.99	2.54 - 3.43	7.60	6.54 - 8.67
LYMPH# (10 <sup>9</sup> /L)	1.09	0.87 - 1.31	2.49	2.09 - 2.89	4.65	4.00 - 5.30
MONO# (10 <sup>9</sup> /L)	0.31	0.17 - 0.45	0.77	0.52 - 1.02	1.80	1.33 - 2.27
EO# (10 <sup>9</sup> /L)	0.27	0.17 - 0.38	0.71	0.45 - 0.97	1.79	1.13 - 2.46
BASO# (10 <sup>9</sup> /L)	0.17	0.09 - 0.25	0.44	0.25 - 0.62	1.15	0.69 - 1.61



# e-CHECK™ (XS)

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

Expiration Date:	<b>2024-07-21</b>		Quality Control Data Due Date #1: 14-Jun-2024		Quality Control Data Due Date #2: 21-Jul-2024	
Lot Number:	<b>41200804</b>		<b>41200805</b>		<b>41200806</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)	2.79	2.65 - 2.93	4.39	4.21 - 4.57	5.30	5.08 - 5.51
HGB (g/dL)	6.4	6.1 - 6.8	11.7	11.2 - 12.1	16.6	15.9 - 17.2
HCT (%)	20.7	19.3 - 22.2	35.8	33.7 - 38.0	49.4	46.4 - 52.3
MCV (fL)	74.2	69.0 - 79.4	81.6	76.7 - 86.5	93.2	87.6 - 98.8
MCH (pg)	23.1	21.5 - 24.7	26.5	24.9 - 28.1	31.3	29.7 - 32.9
MCHC (g/dL)	31.1	28.0 - 34.2	32.5	29.9 - 35.1	33.6	30.9 - 36.3
PLT (10 <sup>9</sup> /L)	59	42 - 77	226	199 - 253	539	485 - 593
RDW-SD (fL)	53.7	48.8 - 58.5	52.9	48.1 - 57.6	48.7	43.9 - 53.6
RDW-CV (%)	20.8	19.0 - 22.7	19.8	18.4 - 21.2	16.1	14.8 - 17.4
MPV (fL)	9.7	8.3 - 11.1	10.1	9.2 - 11.0	10.4	9.6 - 11.1
WBC-C (10 <sup>9</sup> /L)	2.82	2.51 - 3.13	7.00	6.37 - 7.63	15.96	14.68 - 17.23
WBC-D (10 <sup>9</sup> /L)	2.97	2.67 - 3.26	7.42	6.75 - 8.09	16.99	15.63 - 18.35
NEUT%	38.2	32.9 - 43.6	40.3	35.9 - 44.8	44.7	40.2 - 49.1
LYMPH%	36.6	31.1 - 42.0	33.1	29.4 - 36.7	27.0	24.3 - 29.7
MONO%	10.4	5.8 - 15.0	10.5	7.3 - 13.6	10.8	8.1 - 13.5
EO%	9.3	5.9 - 12.8	10.1	6.6 - 13.6	10.7	6.9 - 14.6
BASO%	5.5	3.1 - 7.9	6.1	3.6 - 8.5	6.8	4.2 - 9.5
NEUT# (10 <sup>9</sup> /L)	1.13	0.92 - 1.35	2.99	2.54 - 3.44	7.59	6.53 - 8.65
LYMPH# (10 <sup>9</sup> /L)	1.08	0.87 - 1.30	2.45	2.06 - 2.85	4.59	3.95 - 5.23
MONO# (10 <sup>9</sup> /L)	0.31	0.17 - 0.45	0.78	0.53 - 1.02	1.83	1.36 - 2.31
EO# (10 <sup>9</sup> /L)	0.28	0.17 - 0.38	0.75	0.47 - 1.03	1.82	1.15 - 2.49
BASO# (10 <sup>9</sup> /L)	0.16	0.09 - 0.24	0.45	0.26 - 0.64	1.16	0.70 - 1.63