



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	<b>2024-09-15</b>			Quality Control Data Due Date #1: 09-Aug-2024		Quality Control Data Due Date #2: 15-Sep-2024			
Lot Number:	<b>41760804</b>			<b>41760805</b>		<b>41760806</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)	2.74	2.60	- 2.87	4.52	4.34	- 4.70	5.40	5.18	- 5.61
HGB (g/dL)	6.8	6.4	- 7.2	12.3	11.8	- 12.8	16.4	15.7	- 17.0
HCT (%)	20.6	19.1	- 22.0	36.2	34.0	- 38.3	47.0	44.2	- 49.8
MCV (fL)	75.1	69.9	- 80.4	80.1	75.2	- 84.9	87.1	81.8	- 92.3
MCH (pg)	24.9	23.2	- 26.7	27.2	25.5	- 28.8	30.4	28.9	- 31.9
MCHC (g/dL)	33.2	29.9	- 36.5	33.9	31.2	- 36.6	34.9	32.1	- 37.7
PLT (10 <sup>9</sup> /L)	57	41	- 74	235	207	- 264	534	480	- 587
RDW-SD (fL)	46.6	42.4	- 50.7	47.0	42.7	- 51.2	43.4	39.1	- 47.7
RDW-CV (%)	17.2	15.6	- 18.7	16.7	15.5	- 17.8	14.2	13.1	- 15.4
MPV (fL)	9.6	8.3	- 11.0	10.0	9.1	- 10.9	10.2	9.5	- 11.0
WBC-C (10 <sup>9</sup> /L)	2.90	2.58	- 3.22	6.82	6.21	- 7.43	16.67	15.34	- 18.00
WBC-D (10 <sup>9</sup> /L)	3.02	2.72	- 3.32	7.11	6.47	- 7.75	17.42	16.02	- 18.81
NEUT%	36.5	31.4	- 41.7	41.9	37.3	- 46.5	43.9	39.5	- 48.3
LYMPH%	39.6	33.7	- 45.6	32.4	28.8	- 35.9	28.1	25.3	- 30.9
MONO%	9.9	5.5	- 14.3	9.9	6.9	- 12.8	10.7	8.1	- 13.4
EO%	8.5	5.3	- 11.6	9.7	6.3	- 13.1	10.5	6.7	- 14.3
BASO%	5.4	3.0	- 7.8	6.2	3.7	- 8.7	6.7	4.1	- 9.4
NEUT# (10 <sup>9</sup> /L)	1.10	0.89	- 1.31	2.98	2.53	- 3.43	7.65	6.58	- 8.72
LYMPH# (10 <sup>9</sup> /L)	1.20	0.96	- 1.44	2.30	1.93	- 2.67	4.89	4.20	- 5.57
MONO# (10 <sup>9</sup> /L)	0.30	0.16	- 0.44	0.70	0.48	- 0.93	1.87	1.38	- 2.36
EO# (10 <sup>9</sup> /L)	0.26	0.16	- 0.35	0.69	0.43	- 0.94	1.83	1.16	- 2.51
BASO# (10 <sup>9</sup> /L)	0.16	0.09	- 0.24	0.44	0.26	- 0.63	1.17	0.70	- 1.64



# e-CHECK™ (XS)

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

Expiration Date:	<b>2024-09-15</b>			Quality Control Data Due Date #1: 09-Aug-2024		Quality Control Data Due Date #2: 15-Sep-2024			
Lot Number:	<b>41760804</b>			<b>41760805</b>		<b>41760806</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)	2.83	2.68	- 2.97	4.57	4.39	- 4.75	5.42	5.20	- 5.63
HGB (g/dL)	6.8	6.3	- 7.2	12.2	11.7	- 12.7	16.3	15.7	- 17.0
HCT (%)	21.5	20.0	- 23.0	37.4	35.2	- 39.7	48.7	45.8	- 51.7
MCV (fL)	76.2	70.8	- 81.5	81.9	77.0	- 86.8	90.0	84.6	- 95.4
MCH (pg)	23.9	22.2	- 25.6	26.7	25.1	- 28.3	30.2	28.7	- 31.7
MCHC (g/dL)	31.4	28.2	- 34.5	32.6	30.0	- 35.2	33.5	30.8	- 36.2
PLT (10 <sup>9</sup> /L)	59	42	- 76	239	210	- 268	546	492	- 601
RDW-SD (fL)	49.4	44.9	- 53.8	50.8	46.2	- 55.4	46.9	42.2	- 51.6
RDW-CV (%)	18.6	16.9	- 20.3	18.8	17.4	- 20.1	16.2	14.9	- 17.5
MPV (fL)	10.1	8.7	- 11.5	10.6	9.6	- 11.5	10.9	10.1	- 11.6
WBC-C (10 <sup>9</sup> /L)	2.84	2.53	- 3.15	6.75	6.14	- 7.35	16.40	15.09	- 17.71
WBC-D (10 <sup>9</sup> /L)	2.95	2.66	- 3.25	7.03	6.39	- 7.66	17.11	15.74	- 18.48
NEUT%	36.7	31.6	- 41.8	41.8	37.2	- 46.4	43.8	39.4	- 48.2
LYMPH%	39.7	33.7	- 45.6	32.1	28.6	- 35.7	27.9	25.1	- 30.6
MONO%	9.6	5.4	- 13.9	9.8	6.9	- 12.8	10.8	8.1	- 13.5
EO%	8.6	5.4	- 11.8	10.2	6.6	- 13.8	10.8	6.9	- 14.7
BASO%	5.4	3.0	- 7.8	6.1	3.7	- 8.5	6.8	4.1	- 9.4
NEUT# (10 <sup>9</sup> /L)	1.08	0.88	- 1.29	2.93	2.49	- 3.37	7.49	6.44	- 8.54
LYMPH# (10 <sup>9</sup> /L)	1.17	0.94	- 1.40	2.26	1.90	- 2.62	4.77	4.10	- 5.43
MONO# (10 <sup>9</sup> /L)	0.28	0.15	- 0.41	0.69	0.47	- 0.91	1.84	1.36	- 2.32
EO# (10 <sup>9</sup> /L)	0.25	0.16	- 0.35	0.72	0.45	- 0.98	1.85	1.17	- 2.53
BASO# (10 <sup>9</sup> /L)	0.16	0.08	- 0.23	0.43	0.25	- 0.61	1.16	0.69	- 1.62