



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2022-07-24			Quality Control Data Due Date #1: 17-Jun-2022		Quality Control Data Due Date #2: 24-Jul-2022			
Lot Number:	21230804			21230805		21230806			
Control:	L1:Level 1			L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.62	2.49	- 2.75	4.40	4.23	- 4.58	5.25	5.04	- 5.46
HGB (g/dL)	6.1	5.7	- 6.4	12.5	12.0	- 13.0	16.5	15.8	- 17.1
HCT (%)	18.8	17.5	- 20.1	37.2	35.0	- 39.5	48.4	45.4	- 51.3
MCV (fL)	71.8	66.8	- 76.8	84.6	79.5	- 89.6	92.1	86.6	- 97.6
MCH (pg)	23.1	21.5	- 24.7	28.4	26.7	- 30.2	31.4	29.8	- 33.0
MCHC (g/dL)	32.2	29.0	- 35.4	33.6	30.9	- 36.3	34.1	31.4	- 36.8
PLT (10 ⁹ /L)	58	41	- 75	230	203	- 258	571	514	- 629
RDW-SD (fL)	44.0	40.1	- 48.0	45.9	41.8	- 50.1	49.1	44.2	- 54.0
RDW-CV (%)	17.2	15.7	- 18.8	15.6	14.5	- 16.7	15.6	14.4	- 16.9
MPV (fL)	9.3	8.0	- 10.6	9.7	8.8	- 10.5	9.9	9.2	- 10.6
WBC-C (10 ⁹ /L)	2.94	2.62	- 3.27	7.05	6.41	- 7.68	15.66	14.40	- 16.91
WBC-D (10 ⁹ /L)	3.03	2.73	- 3.33	7.28	6.62	- 7.94	16.18	14.89	- 17.48
NEUT%	37.4	32.1	- 42.6	39.7	35.4	- 44.1	44.9	40.4	- 49.4
LYMPH%	38.3	32.6	- 44.1	33.7	30.0	- 37.4	26.8	24.1	- 29.5
MONO%	10.1	5.6	- 14.5	10.5	7.3	- 13.6	11.0	8.3	- 13.8
EO%	8.9	5.6	- 12.1	10.0	6.5	- 13.6	10.3	6.6	- 14.0
BASO%	5.4	3.0	- 7.8	6.0	3.6	- 8.4	7.0	4.3	- 9.7
NEUT# (10 ⁹ /L)	1.13	0.92	- 1.35	2.89	2.46	- 3.33	7.27	6.25	- 8.28
LYMPH# (10 ⁹ /L)	1.16	0.93	- 1.39	2.45	2.06	- 2.85	4.34	3.73	- 4.95
MONO# (10 ⁹ /L)	0.31	0.17	- 0.45	0.76	0.52	- 1.01	1.79	1.32	- 2.25
EO# (10 ⁹ /L)	0.27	0.17	- 0.37	0.73	0.46	- 1.00	1.66	1.05	- 2.28
BASO# (10 ⁹ /L)	0.16	0.09	- 0.24	0.44	0.25	- 0.62	1.13	0.68	- 1.58



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HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

Expiration Date:	2022-07-24		Quality Control Data Due Date #1: 17-Jun-2022		Quality Control Data Due Date #2: 24-Jul-2022	
Lot Number:	21230804		21230805		21230806	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.68	2.55 - 2.82	4.42	4.25 - 4.60	5.22	5.02 - 5.43
HGB (g/dL)	6.0	5.7 - 6.4	12.5	12.0 - 12.9	16.4	15.8 - 17.1
HCT (%)	19.4	18.0 - 20.7	38.2	35.9 - 40.5	49.6	46.6 - 52.6
MCV (fL)	72.2	67.2 - 77.3	86.4	81.2 - 91.6	94.9	89.2 - 100.6
MCH (pg)	22.4	20.9 - 24.0	28.2	26.5 - 29.8	31.4	29.9 - 33.0
MCHC (g/dL)	31.1	28.0 - 34.2	32.6	30.0 - 35.2	33.1	30.5 - 35.8
PLT (10 ⁹ /L)	62	44 - 80	235	207 - 263	585	527 - 644
RDW-SD (fL)	46.6	42.4 - 50.7	49.5	45.0 - 53.9	54.6	49.1 - 60.1
RDW-CV (%)	18.9	17.2 - 20.6	17.4	16.2 - 18.6	17.7	16.3 - 19.1
MPV (fL)	9.8	8.5 - 11.2	10.2	9.3 - 11.1	10.5	9.8 - 11.2
WBC-C (10 ⁹ /L)	2.99	2.66 - 3.32	7.11	6.47 - 7.75	15.68	14.42 - 16.93
WBC-D (10 ⁹ /L)	3.05	2.74 - 3.35	7.25	6.60 - 7.91	16.04	14.76 - 17.33
NEUT%	37.5	32.2 - 42.7	39.6	35.3 - 44.0	44.8	40.3 - 49.3
LYMPH%	38.1	32.3 - 43.8	33.5	29.9 - 37.2	26.5	23.8 - 29.1
MONO%	10.1	5.7 - 14.6	10.7	7.5 - 14.0	11.4	8.6 - 14.3
EO%	8.9	5.6 - 12.1	10.0	6.5 - 13.5	10.4	6.7 - 14.1
BASO%	5.5	3.1 - 7.9	6.1	3.7 - 8.5	6.9	4.2 - 9.6
NEUT# (10 ⁹ /L)	1.14	0.93 - 1.36	2.88	2.44 - 3.31	7.19	6.18 - 8.20
LYMPH# (10 ⁹ /L)	1.16	0.93 - 1.39	2.43	2.04 - 2.82	4.25	3.65 - 4.84
MONO# (10 ⁹ /L)	0.31	0.17 - 0.45	0.78	0.53 - 1.03	1.83	1.36 - 2.31
EO# (10 ⁹ /L)	0.27	0.17 - 0.37	0.72	0.46 - 0.99	1.67	1.05 - 2.29
BASO# (10 ⁹ /L)	0.17	0.09 - 0.25	0.44	0.26 - 0.63	1.11	0.66 - 1.55