



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2024-11-10		Quality Control Data Due Date #1: 04-Oct-2024		Quality Control Data Due Date #2: 10-Nov-2024	
Lot Number:	42320804		42320805		42320806	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.60	2.47 - 2.73	4.31	4.14 - 4.49	5.25	5.04 - 5.46
HGB (g/dL)	6.3	5.9 - 6.6	11.5	11.1 - 12.0	16.3	15.7 - 17.0
HCT (%)	19.1	17.8 - 20.5	34.2	32.2 - 36.3	47.1	44.3 - 49.9
MCV (fL)	73.7	68.5 - 78.8	79.3	74.6 - 84.1	89.7	84.3 - 95.1
MCH (pg)	24.1	22.4 - 25.7	26.7	25.1 - 28.3	31.1	29.6 - 32.7
MCHC (g/dL)	32.7	29.4 - 35.9	33.7	31.0 - 36.4	34.7	31.9 - 37.5
PLT (10 ⁹ /L)	59	42 - 76	220	194 - 247	521	469 - 573
RDW-SD (fL)	45.2	41.1 - 49.3	46.5	42.3 - 50.7	43.8	39.5 - 48.2
RDW-CV (%)	16.9	15.4 - 18.4	16.8	15.7 - 18.0	14.1	13.0 - 15.2
MPV (fL)	9.2	7.9 - 10.4	9.6	8.7 - 10.4	9.8	9.1 - 10.5
WBC-C (10 ⁹ /L)	2.82	2.51 - 3.13	6.68	6.08 - 7.29	16.21	14.92 - 17.51
WBC-D (10 ⁹ /L)	2.95	2.65 - 3.24	7.01	6.38 - 7.64	17.01	15.65 - 18.37
NEUT%	37.9	32.6 - 43.2	41.4	36.8 - 45.9	43.4	39.1 - 47.7
LYMPH%	37.8	32.2 - 43.5	32.4	28.9 - 36.0	27.8	25.0 - 30.6
MONO%	9.6	5.4 - 13.9	10.3	7.2 - 13.4	11.8	8.8 - 14.7
EO%	9.0	5.6 - 12.3	9.7	6.3 - 13.1	10.3	6.6 - 14.0
BASO%	5.6	3.2 - 8.1	6.1	3.7 - 8.6	6.7	4.1 - 9.3
NEUT# (10 ⁹ /L)	1.12	0.91 - 1.33	2.90	2.46 - 3.33	7.38	6.35 - 8.42
LYMPH# (10 ⁹ /L)	1.12	0.89 - 1.34	2.27	1.91 - 2.64	4.73	4.06 - 5.39
MONO# (10 ⁹ /L)	0.28	0.15 - 0.41	0.72	0.49 - 0.96	2.00	1.48 - 2.53
EO# (10 ⁹ /L)	0.26	0.16 - 0.36	0.68	0.43 - 0.93	1.76	1.11 - 2.40
BASO# (10 ⁹ /L)	0.17	0.09 - 0.24	0.43	0.25 - 0.61	1.14	0.69 - 1.60



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HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

Expiration Date:	2024-11-10		Quality Control Data Due Date #1: 04-Oct-2024		Quality Control Data Due Date #2: 10-Nov-2024	
Lot Number:	42320804		42320805		42320806	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.64	2.50 - 2.77	4.33	4.15 - 4.50	5.22	5.02 - 5.43
HGB (g/dL)	6.2	5.8 - 6.5	11.4	11.0 - 11.9	16.3	15.6 - 16.9
HCT (%)	19.4	18.0 - 20.7	34.7	32.6 - 36.8	48.2	45.3 - 51.1
MCV (fL)	73.5	68.4 - 78.7	80.2	75.4 - 85.1	92.3	86.8 - 97.9
MCH (pg)	23.4	21.7 - 25.0	26.4	24.8 - 28.0	31.2	29.6 - 32.7
MCHC (g/dL)	31.8	28.6 - 35.0	32.9	30.3 - 35.6	33.7	31.0 - 36.4
PLT (10 ⁹ /L)	60	43 - 78	224	197 - 251	530	477 - 583
RDW-SD (fL)	47.1	42.8 - 51.3	50.6	46.0 - 55.1	47.3	42.5 - 52.0
RDW-CV (%)	18.7	17.0 - 20.4	19.3	18.0 - 20.7	16.1	14.8 - 17.4
MPV (fL)	9.5	8.2 - 10.8	10.0	9.1 - 10.9	10.3	9.6 - 11.0
WBC-C (10 ⁹ /L)	2.83	2.52 - 3.14	6.71	6.11 - 7.32	16.39	15.08 - 17.70
WBC-D (10 ⁹ /L)	2.92	2.63 - 3.22	6.97	6.35 - 7.60	17.03	15.67 - 18.39
NEUT%	38.1	32.7 - 43.4	41.3	36.8 - 45.9	43.4	39.1 - 47.8
LYMPH%	37.7	32.1 - 43.4	32.2	28.7 - 35.8	27.6	24.9 - 30.4
MONO%	9.7	5.4 - 14.0	10.5	7.3 - 13.6	11.7	8.7 - 14.6
EO%	8.9	5.6 - 12.3	10.0	6.5 - 13.5	10.6	6.8 - 14.5
BASO%	5.6	3.1 - 8.0	6.0	3.6 - 8.4	6.7	4.1 - 9.3
NEUT# (10 ⁹ /L)	1.11	0.90 - 1.32	2.88	2.45 - 3.32	7.39	6.36 - 8.43
LYMPH# (10 ⁹ /L)	1.10	0.88 - 1.32	2.25	1.89 - 2.61	4.70	4.05 - 5.36
MONO# (10 ⁹ /L)	0.28	0.15 - 0.41	0.73	0.50 - 0.96	1.98	1.47 - 2.50
EO# (10 ⁹ /L)	0.26	0.16 - 0.36	0.70	0.44 - 0.96	1.81	1.14 - 2.48
BASO# (10 ⁹ /L)	0.16	0.09 - 0.24	0.42	0.24 - 0.59	1.14	0.68 - 1.59