



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2025-01-13		Quality Control Data Due Date #1: 02-Dec-2024		Quality Control Data Due Date #2: 13-Jan-2025				
Lot Number:	42970810		42970811		42970812				
Control:	L1:Level 1		L2:Level 2		L3:Level 3				
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.33	2.22	- 2.45	4.32	4.15	- 4.49	5.26	5.05	- 5.47
HGB (g/dL)	5.4	5.1	- 5.8	12.1	11.6	- 12.6	16.3	15.6	- 16.9
HCT (%)	16.9	15.7	- 18.0	35.6	33.5	- 37.8	46.4	43.6	- 49.2
MCV (fL)	72.3	67.2	- 77.4	82.5	77.5	- 87.4	88.3	83.0	- 93.6
MCH (pg)	23.3	21.6	- 24.9	28.0	26.3	- 29.7	30.9	29.4	- 32.5
MCHC (g/dL)	32.2	29.0	- 35.4	33.9	31.2	- 36.6	35.1	32.3	- 37.9
PLT (10 ⁹ /L)	54	38	- 69	206	181	- 231	458	412	- 503
RDW-SD (fL)	49.2	43.3	- 55.1	47.0	40.9	- 53.1	44.2	38.0	- 50.4
RDW-CV (%)	18.9	16.4	- 21.4	16.0	14.4	- 17.6	14.3	12.7	- 15.8
MPV (fL)	9.4	8.0	- 10.7	9.7	8.8	- 10.5	9.9	9.2	- 10.6
WBC-C (10 ⁹ /L)	2.93	2.61	- 3.26	7.39	6.72	- 8.05	18.60	17.11	- 20.08
WBC-D (10 ⁹ /L)	2.92	2.62	- 3.21	7.32	6.66	- 7.98	18.71	17.22	- 20.21
NEUT%	37.7	31.3	- 44.1	41.7	36.3	- 47.1	45.6	40.1	- 51.0
LYMPH%	36.7	30.1	- 43.2	31.9	27.4	- 36.3	26.5	23.3	- 29.7
MONO%	11.0	5.2	- 16.8	10.3	6.6	- 14.0	10.7	7.5	- 13.9
EO%	9.1	5.1	- 13.1	10.0	5.8	- 14.2	10.3	5.9	- 14.7
BASO%	5.6	2.7	- 8.5	6.1	3.2	- 9.0	7.0	3.7	- 10.3
NEUT# (10 ⁹ /L)	1.10	0.85	- 1.35	3.05	2.47	- 3.63	8.53	7.08	- 9.98
LYMPH# (10 ⁹ /L)	1.07	0.81	- 1.32	2.33	1.89	- 2.78	4.96	4.16	- 5.75
MONO# (10 ⁹ /L)	0.32	0.14	- 0.50	0.75	0.47	- 1.04	2.00	1.36	- 2.64
EO# (10 ⁹ /L)	0.27	0.14	- 0.39	0.73	0.41	- 1.06	1.92	1.08	- 2.77
BASO# (10 ⁹ /L)	0.16	0.07	- 0.25	0.44	0.22	- 0.67	1.31	0.68	- 1.93