



e-CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XS-1000i™ ANALYZERS

Expiration Date:	2024-08-26		Quality Control Data Due Date #1: 15-Jul-2024		Quality Control Data Due Date #2: 26-Aug-2024	
Lot Number:	41570801		41570802		41570803	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.27	2.15 - 2.38	4.32	4.15 - 4.49	5.27	5.06 - 5.49
HGB (g/dL)	5.6	5.3 - 5.9	11.8	11.4 - 12.3	16.1	15.5 - 16.8
HCT (%)	17.1	15.9 - 18.3	34.9	32.8 - 37.0	46.7	43.9 - 49.5
MCV (fL)	75.6	70.3 - 80.9	80.7	75.9 - 85.6	88.6	83.3 - 93.9
MCH (pg)	24.7	23.0 - 26.5	27.4	25.7 - 29.0	30.6	29.1 - 32.1
MCHC (g/dL)	32.7	29.4 - 36.0	33.9	31.2 - 36.6	34.5	31.8 - 37.3
PLT (10 ⁹ /L)	55	39 - 71	220	193 - 246	516	464 - 567
RDW-SD (fL)	46.4	40.8 - 52.0	47.1	41.0 - 53.3	44.2	38.1 - 50.4
RDW-CV (%)	17.1	14.9 - 19.3	16.5	14.9 - 18.2	14.4	12.8 - 16.0
MPV (fL)	9.1	7.8 - 10.4	9.5	8.7 - 10.4	9.7	9.0 - 10.4
WBC-C (10 ⁹ /L)	2.77	2.47 - 3.08	6.54	5.95 - 7.13	16.36	15.05 - 17.66
WBC-D (10 ⁹ /L)	2.89	2.60 - 3.18	6.81	6.19 - 7.42	17.10	15.73 - 18.46
NEUT%	37.7	31.3 - 44.2	40.7	35.5 - 46.0	44.1	38.8 - 49.4
LYMPH%	37.5	30.7 - 44.2	34.0	29.2 - 38.7	27.6	24.3 - 30.9
MONO%	10.2	4.8 - 15.6	9.5	6.1 - 12.9	10.5	7.4 - 13.7
EO%	8.9	5.0 - 12.8	9.9	5.7 - 14.0	10.9	6.2 - 15.5
BASO%	5.7	2.7 - 8.6	5.9	3.1 - 8.8	6.9	3.6 - 10.1
NEUT# (10 ⁹ /L)	1.09	0.84 - 1.34	2.77	2.25 - 3.30	7.55	6.26 - 8.83
LYMPH# (10 ⁹ /L)	1.08	0.82 - 1.34	2.31	1.87 - 2.75	4.72	3.97 - 5.48
MONO# (10 ⁹ /L)	0.29	0.13 - 0.46	0.64	0.40 - 0.89	1.80	1.22 - 2.37
EO# (10 ⁹ /L)	0.26	0.14 - 0.37	0.67	0.38 - 0.97	1.86	1.04 - 2.67
BASO# (10 ⁹ /L)	0.16	0.07 - 0.26	0.40	0.20 - 0.61	1.17	0.61 - 1.74