



e-CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XS-1000i™ ANALYZERS

Expiration Date:	2024-10-21		Quality Control Data Due Date #1: 09-Sep-2024		Quality Control Data Due Date #2: 21-Oct-2024	
Lot Number:	42130801		42130802		42130803	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.25	2.14 - 2.36	4.35	4.17 - 4.52	5.24	5.03 - 5.45
HGB (g/dL)	5.3	4.9 - 5.6	11.4	11.0 - 11.9	16.0	15.4 - 16.7
HCT (%)	16.4	15.2 - 17.5	33.8	31.8 - 35.9	46.4	43.6 - 49.2
MCV (fL)	72.8	67.7 - 77.9	77.8	73.2 - 82.5	88.6	83.3 - 94.0
MCH (pg)	23.4	21.8 - 25.0	26.3	24.7 - 27.9	30.6	29.1 - 32.1
MCHC (g/dL)	32.1	28.9 - 35.4	33.8	31.1 - 36.5	34.5	31.8 - 37.3
PLT (10 ⁹ /L)	57	40 - 73	220	194 - 247	523	470 - 575
RDW-SD (fL)	45.5	40.0 - 51.0	45.9	39.9 - 51.8	43.3	37.3 - 49.4
RDW-CV (%)	17.4	15.2 - 19.7	16.9	15.2 - 18.6	14.0	12.4 - 15.5
MPV (fL)	9.1	7.8 - 10.4	9.5	8.6 - 10.3	9.6	9.0 - 10.3
WBC-C (10 ⁹ /L)	2.93	2.61 - 3.26	6.72	6.11 - 7.32	16.74	15.40 - 18.08
WBC-D (10 ⁹ /L)	3.05	2.75 - 3.36	7.00	6.37 - 7.63	17.45	16.06 - 18.85
NEUT%	37.7	31.3 - 44.1	40.6	35.3 - 45.9	44.9	39.5 - 50.3
LYMPH%	37.8	31.0 - 44.6	32.9	28.3 - 37.5	27.9	24.6 - 31.2
MONO%	9.9	4.7 - 15.1	10.7	6.8 - 14.5	9.9	6.9 - 12.9
EO%	9.0	5.0 - 12.9	9.9	5.8 - 14.1	10.6	6.0 - 15.1
BASO%	5.6	2.7 - 8.6	6.0	3.1 - 8.8	6.7	3.6 - 9.9
NEUT# (10 ⁹ /L)	1.15	0.89 - 1.42	2.84	2.30 - 3.38	7.84	6.50 - 9.17
LYMPH# (10 ⁹ /L)	1.15	0.88 - 1.43	2.30	1.86 - 2.74	4.87	4.09 - 5.65
MONO# (10 ⁹ /L)	0.30	0.14 - 0.47	0.75	0.46 - 1.03	1.73	1.18 - 2.29
EO# (10 ⁹ /L)	0.27	0.15 - 0.40	0.69	0.39 - 1.00	1.84	1.03 - 2.65
BASO# (10 ⁹ /L)	0.17	0.08 - 0.27	0.42	0.21 - 0.63	1.17	0.61 - 1.74