



e-CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XS-1000i™ ANALYZERS

Expiration Date:	2024-05-06		Quality Control Data Due Date #1: 25-Mar-2024		Quality Control Data Due Date #2: 06-May-2024	
Lot Number:	40450801		40450802		40450803	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.31	2.19 - 2.42	4.27	4.10 - 4.44	5.27	5.06 - 5.48
HGB (g/dL)	5.7	5.4 - 6.1	11.4	11.0 - 11.9	15.4	14.7 - 16.0
HCT (%)	17.7	16.5 - 19.0	34.2	32.2 - 36.3	45.0	42.3 - 47.7
MCV (fL)	76.9	71.5 - 82.3	80.1	75.3 - 84.9	85.3	80.2 - 90.4
MCH (pg)	24.8	23.1 - 26.6	26.8	25.1 - 28.4	29.1	27.7 - 30.6
MCHC (g/dL)	32.3	29.1 - 35.5	33.4	30.7 - 36.1	34.1	31.4 - 36.9
PLT (10 ⁹ /L)	61	43 - 78	220	193 - 246	513	462 - 565
RDW-SD (fL)	45.5	40.0 - 51.0	48.1	41.9 - 54.4	48.0	41.2 - 54.7
RDW-CV (%)	16.7	14.5 - 18.8	17.3	15.5 - 19.0	16.0	14.3 - 17.8
MPV (fL)	10.0	8.6 - 11.4	10.4	9.5 - 11.4	10.7	9.9 - 11.4
WBC-C (10 ⁹ /L)	2.84	2.53 - 3.15	6.55	5.96 - 7.14	16.95	15.60 - 18.31
WBC-D (10 ⁹ /L)	2.93	2.64 - 3.23	6.76	6.15 - 7.37	17.56	16.15 - 18.96
NEUT%	38.7	32.1 - 45.3	40.8	35.5 - 46.1	43.6	38.3 - 48.8
LYMPH%	36.5	29.9 - 43.0	33.4	28.7 - 38.1	28.0	24.6 - 31.4
MONO%	9.7	4.6 - 14.8	9.8	6.3 - 13.3	11.4	8.0 - 14.8
EO%	9.4	5.3 - 13.5	9.9	5.8 - 14.1	10.3	5.9 - 14.8
BASO%	5.7	2.7 - 8.6	6.1	3.2 - 9.0	6.7	3.6 - 9.9
NEUT# (10 ⁹ /L)	1.14	0.87 - 1.40	2.76	2.23 - 3.28	7.65	6.35 - 8.95
LYMPH# (10 ⁹ /L)	1.07	0.81 - 1.33	2.26	1.83 - 2.69	4.92	4.13 - 5.70
MONO# (10 ⁹ /L)	0.28	0.13 - 0.44	0.66	0.41 - 0.91	2.00	1.36 - 2.64
EO# (10 ⁹ /L)	0.28	0.15 - 0.40	0.67	0.38 - 0.97	1.81	1.02 - 2.61
BASO# (10 ⁹ /L)	0.17	0.07 - 0.26	0.41	0.21 - 0.62	1.18	0.61 - 1.75