



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2022-08-01		Quality Control Data Due Date #1: 20-Jun-2022		Quality Control Data Due Date #2: 01-Aug-2022	
Lot Number:	21310810		21310811		21310812	
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	4.39	4.21 - 4.56	5.31	5.10 - 5.52
HGB (g/dL)	5.2	4.9 - 5.5	12.5	12.0 - 13.0	16.5	15.9 - 17.2
HCT (%)	16.3	15.2 - 17.5	36.9	34.7 - 39.1	47.7	44.9 - 50.6
MCV (fL)	72.1	67.0 - 77.1	84.1	79.0 - 89.1	89.9	84.5 - 95.3
MCH (pg)	22.9	21.3 - 24.5	28.6	26.8 - 30.3	31.1	29.6 - 32.7
MCHC (g/dL)	31.7	28.5 - 34.9	34.0	31.3 - 36.7	34.6	31.9 - 37.4
PLT (10 ⁹ /L)	57	41 - 74	228	201 - 256	524	471 - 576
RDW-SD (fL)	51.7	45.5 - 58.0	44.8	38.9 - 50.6	45.3	39.0 - 51.6
RDW-CV (%)	20.0	17.4 - 22.6	15.1	13.6 - 16.6	14.5	12.9 - 16.1
MPV (fL)	8.7	7.5 - 9.9	8.9	8.1 - 9.6	9.1	8.4 - 9.7
WBC-C (10 ⁹ /L)	2.94	2.61 - 3.26	6.93	6.31 - 7.56	18.43	16.96 - 19.90
WBC-D (10 ⁹ /L)	2.88	2.59 - 3.17	6.75	6.14 - 7.36	17.93	16.49 - 19.36
NEUT%	36.4	30.2 - 42.6	40.2	35.0 - 45.4	44.3	39.0 - 49.6
LYMPH%	38.5	31.6 - 45.4	33.2	28.6 - 37.9	27.4	24.1 - 30.7
MONO%	11.0	5.2 - 16.8	11.1	7.1 - 15.1	11.1	7.8 - 14.4
EO%	8.7	4.9 - 12.6	9.4	5.5 - 13.4	10.4	5.9 - 14.9
BASO%	5.4	2.6 - 8.2	6.1	3.1 - 9.0	6.9	3.6 - 10.1
NEUT# (10 ⁹ /L)	1.05	0.81 - 1.29	2.71	2.20 - 3.23	7.94	6.59 - 9.29
LYMPH# (10 ⁹ /L)	1.11	0.84 - 1.37	2.24	1.82 - 2.67	4.91	4.12 - 5.69
MONO# (10 ⁹ /L)	0.32	0.14 - 0.49	0.75	0.46 - 1.03	1.99	1.35 - 2.63
EO# (10 ⁹ /L)	0.25	0.14 - 0.37	0.64	0.36 - 0.92	1.86	1.04 - 2.69
BASO# (10 ⁹ /L)	0.16	0.07 - 0.24	0.41	0.20 - 0.61	1.23	0.64 - 1.82