



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2020-04-13		Quality Control Data Due Date #1: 02-Mar-2020		Quality Control Data Due Date #2: 13-Apr-2020	
Lot Number:	00220810		00220811		00220812	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.26	2.15 - 2.37	4.35	4.18 - 4.52	5.30	5.09 - 5.51
HGB (g/dL)	5.5	5.2 - 5.8	12.1	11.6 - 12.6	16.4	15.7 - 17.1
HCT (%)	17.1	15.9 - 18.3	35.9	33.7 - 38.1	47.2	44.4 - 50.0
MCV (fL)	75.7	70.4 - 81.0	82.5	77.6 - 87.5	89.1	83.8 - 94.4
MCH (pg)	24.3	22.6 - 26.0	27.8	26.1 - 29.5	30.9	29.4 - 32.4
MCHC (g/dL)	32.2	29.0 - 35.4	33.7	31.0 - 36.4	34.7	31.9 - 37.5
PLT (10 ⁹ /L)	55	39 - 71	221	194 - 248	524	472 - 576
RDW-SD (fL)	44.9	39.5 - 50.3	45.7	39.8 - 51.6	44.8	38.5 - 51.1
RDW-CV (%)	16.7	14.5 - 18.9	15.6	14.0 - 17.2	14.5	12.9 - 16.1
MPV (fL)	8.8	7.6 - 10.0	9.1	8.3 - 9.9	9.3	8.6 - 10.0
WBC-C (10 ⁹ /L)	2.92	2.60 - 3.24	6.64	6.04 - 7.24	17.68	16.27 - 19.09
WBC-D (10 ⁹ /L)	2.87	2.58 - 3.16	6.58	5.99 - 7.17	17.55	16.15 - 18.95
NEUT%	36.5	30.3 - 42.7	40.4	35.1 - 45.7	42.7	37.6 - 47.8
LYMPH%	39.7	32.6 - 46.8	34.5	29.7 - 39.3	29.7	26.1 - 33.3
MONO%	9.7	4.6 - 14.8	9.5	6.1 - 12.9	10.4	7.3 - 13.5
EO%	8.6	4.8 - 12.4	9.6	5.6 - 13.6	10.7	6.1 - 15.3
BASO%	5.5	2.6 - 8.4	6.0	3.1 - 8.9	6.5	3.4 - 9.6
NEUT# (10 ⁹ /L)	1.04	0.80 - 1.28	2.66	2.15 - 3.17	7.49	6.22 - 8.76
LYMPH# (10 ⁹ /L)	1.14	0.87 - 1.41	2.27	1.84 - 2.70	5.21	4.38 - 6.04
MONO# (10 ⁹ /L)	0.28	0.13 - 0.43	0.63	0.39 - 0.87	1.83	1.24 - 2.42
EO# (10 ⁹ /L)	0.25	0.14 - 0.37	0.63	0.35 - 0.91	1.88	1.05 - 2.71
BASO# (10 ⁹ /L)	0.16	0.07 - 0.25	0.39	0.20 - 0.59	1.14	0.59 - 1.69