



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2020-05-31		Quality Control Data Due Date #1: 24-Apr-2020		Quality Control Data Due Date #2: 31-May-2020	
Lot Number:	00700804		00700805		00700806	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.30	2.19 - 2.42	4.33	4.16 - 4.50	5.20	4.99 - 5.41
HGB (g/dL)	5.8	5.5 - 6.1	12.0	11.5 - 12.5	16.0	15.4 - 16.6
HCT (%)	17.9	16.6 - 19.2	35.6	33.5 - 37.7	46.1	43.3 - 48.9
MCV (fL)	77.8	72.4 - 83.2	82.2	77.3 - 87.1	88.7	83.4 - 94.0
MCH (pg)	25.2	23.4 - 27.0	27.7	26.0 - 29.4	30.8	29.3 - 32.3
MCHC (g/dL)	32.4	29.2 - 35.6	33.7	31.0 - 36.4	34.7	31.9 - 37.5
PLT (10 ⁹ /L)	57	40 - 74	231	203 - 259	550	495 - 605
RDW-SD (fL)	47.6	43.3 - 51.9	47.4	43.1 - 51.7	44.5	40.1 - 49.0
RDW-CV (%)	17.3	15.7 - 18.9	16.4	15.3 - 17.5	14.5	13.3 - 15.7
MPV (fL)	9.0	7.7 - 10.3	9.4	8.6 - 10.2	9.6	8.9 - 10.3
WBC-C (10 ⁹ /L)	2.78	2.47 - 3.09	6.60	6.01 - 7.19	15.38	14.15 - 16.61
WBC-D (10 ⁹ /L)	2.91	2.62 - 3.20	6.92	6.30 - 7.54	16.14	14.85 - 17.43
NEUT%	37.2	32.0 - 42.4	39.0	34.7 - 43.3	42.8	38.5 - 47.1
LYMPH%	38.5	32.7 - 44.3	35.4	31.5 - 39.3	30.2	27.2 - 33.2
MONO%	10.2	5.7 - 14.7	10.5	7.4 - 13.7	10.1	7.6 - 12.6
EO%	8.7	5.5 - 11.9	9.4	6.1 - 12.7	10.3	6.6 - 14.0
BASO%	5.5	3.1 - 7.9	5.9	3.5 - 8.3	6.7	4.1 - 9.3
NEUT# (10 ⁹ /L)	1.08	0.87 - 1.29	2.70	2.30 - 3.11	6.90	5.93 - 7.87
LYMPH# (10 ⁹ /L)	1.12	0.90 - 1.34	2.45	2.06 - 2.84	4.86	4.18 - 5.54
MONO# (10 ⁹ /L)	0.30	0.16 - 0.44	0.72	0.49 - 0.95	1.63	1.21 - 2.05
EO# (10 ⁹ /L)	0.25	0.16 - 0.35	0.65	0.41 - 0.89	1.66	1.05 - 2.27
BASO# (10 ⁹ /L)	0.16	0.08 - 0.24	0.41	0.24 - 0.58	1.08	0.65 - 1.51



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

Expiration Date:	2020-05-31		Quality Control Data Due Date #1: 24-Apr-2020		Quality Control Data Due Date #2: 31-May-2020	
Lot Number:	00700804		00700805		00700806	
Control:	L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ¹² /L)	2.37	2.25 - 2.49	4.36	4.19 - 4.53	5.19	4.98 - 5.40
HGB (g/dL)	5.8	5.5 - 6.1	12.1	11.6 - 12.6	16.1	15.5 - 16.7
HCT (%)	18.2	16.9 - 19.5	35.9	33.7 - 38.1	46.9	44.1 - 49.7
MCV (fL)	76.8	71.4 - 82.2	82.3	77.4 - 87.2	90.4	85.0 - 95.8
MCH (pg)	24.5	22.8 - 26.2	27.8	26.1 - 29.5	31.0	29.5 - 32.6
MCHC (g/dL)	31.9	28.7 - 35.1	33.7	31.0 - 36.4	34.3	31.6 - 37.0
PLT (10 ⁹ /L)	60	43 - 77	238	209 - 267	572	515 - 629
RDW-SD (fL)	52.1	47.4 - 56.8	51.1	46.5 - 55.7	48.3	43.5 - 53.1
RDW-CV (%)	19.6	17.8 - 21.4	18.7	17.4 - 20.0	16.5	15.2 - 17.8
MPV (fL)	9.5	8.2 - 10.8	9.9	9.0 - 10.8	10.2	9.5 - 10.9
WBC-C (10 ⁹ /L)	2.78	2.47 - 3.09	6.60	6.01 - 7.19	15.38	14.15 - 16.61
WBC-D (10 ⁹ /L)	2.91	2.62 - 3.20	6.92	6.30 - 7.54	16.14	14.85 - 17.43
NEUT%	37.2	32.0 - 42.4	39.0	34.7 - 43.3	42.8	38.5 - 47.1
LYMPH%	38.5	32.7 - 44.3	35.4	31.5 - 39.3	30.2	27.2 - 33.2
MONO%	10.2	5.7 - 14.7	10.5	7.4 - 13.7	10.1	7.6 - 12.6
EO%	8.7	5.5 - 11.9	9.4	6.1 - 12.7	10.3	6.6 - 14.0
BASO%	5.5	3.1 - 7.9	5.9	3.5 - 8.3	6.7	4.1 - 9.3
NEUT# (10 ⁹ /L)	1.08	0.87 - 1.29	2.70	2.30 - 3.11	6.90	5.93 - 7.87
LYMPH# (10 ⁹ /L)	1.12	0.90 - 1.34	2.45	2.06 - 2.84	4.86	4.18 - 5.54
MONO# (10 ⁹ /L)	0.30	0.16 - 0.44	0.72	0.49 - 0.95	1.63	1.21 - 2.05
EO# (10 ⁹ /L)	0.25	0.16 - 0.35	0.65	0.41 - 0.89	1.66	1.05 - 2.27
BASO# (10 ⁹ /L)	0.16	0.08 - 0.24	0.41	0.24 - 0.58	1.08	0.65 - 1.51