



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

Expiration Date:	2020-04-05			Quality Control Data Due Date #1:	28-Feb-2020	Quality Control Data Due Date #2:	05-Apr-2020		
Lot Number:	00140804			00140805			00140806		
Control:	L1:Level 1			L2:Level 2			L3:Level 3		
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.33	2.21	- 2.45	4.34	4.17	- 4.51	5.19	4.98	- 5.40
HGB (g/dL)	5.8	5.5	- 6.1	12.5	12.0	- 13.0	16.6	15.9	- 17.3
HCT (%)	17.9	16.6	- 19.2	36.6	34.4	- 38.8	47.9	45.0	- 50.8
MCV (fL)	76.8	71.4	- 82.2	84.3	79.2	- 89.4	92.3	86.8	- 97.8
MCH (pg)	24.9	23.2	- 26.6	28.8	27.1	- 30.5	32.0	30.4	- 33.6
MCHC (g/dL)	32.4	29.2	- 35.6	34.2	31.5	- 36.9	34.7	31.9	- 37.5
PLT (10 ⁹ /L)	59	42	- 76	232	204	- 260	546	491	- 601
RDW-SD (fL)	45.5	41.4	- 49.6	44.3	40.3	- 48.3	45.4	40.9	- 49.9
RDW-CV (%)	16.7	15.2	- 18.2	15.1	14.0	- 16.2	14.4	13.2	- 15.6
MPV (fL)	8.7	7.5	- 9.9	9.1	8.3	- 9.9	9.3	8.6	- 10.0
WBC-C (10 ⁹ /L)	2.96	2.63	- 3.29	6.96	6.33	- 7.59	15.64	14.39	- 16.89
WBC-D (10 ⁹ /L)	3.01	2.71	- 3.31	7.22	6.57	- 7.87	16.24	14.94	- 17.54
NEUT%	36.1	31.0	- 41.2	40.6	36.1	- 45.1	43.1	38.8	- 47.4
LYMPH%	39.8	33.8	- 45.8	34.3	30.5	- 38.1	30.0	27.0	- 33.0
MONO%	10.0	5.6	- 14.4	9.4	6.6	- 12.2	9.9	7.4	- 12.4
EO%	8.8	5.5	- 12.1	9.6	6.2	- 13.0	10.3	6.6	- 14.0
BASO%	5.3	3.0	- 7.6	6.2	3.7	- 8.7	6.7	4.1	- 9.3
NEUT# (10 ⁹ /L)	1.09	0.88	- 1.30	2.93	2.49	- 3.37	7.00	6.02	- 7.98
LYMPH# (10 ⁹ /L)	1.20	0.96	- 1.44	2.47	2.07	- 2.87	4.87	4.19	- 5.55
MONO# (10 ⁹ /L)	0.30	0.16	- 0.44	0.68	0.46	- 0.90	1.61	1.19	- 2.03
EO# (10 ⁹ /L)	0.26	0.16	- 0.36	0.69	0.43	- 0.95	1.67	1.05	- 2.29
BASO# (10 ⁹ /L)	0.16	0.08	- 0.24	0.44	0.26	- 0.62	1.09	0.65	- 1.53



e-CHECK™ (XS)

HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

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Lot Number:	00140804		00140805		00140806				
Control:	L1:Level 1		L2:Level 2		L3:Level 3				
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.41	2.29	- 2.53	4.40	4.22	- 4.58	5.20	4.99	- 5.41
HGB (g/dL)	5.8	5.5	- 6.1	12.5	12.0	- 13.0	16.6	15.9	- 17.3
HCT (%)	18.2	16.9	- 19.5	37.4	35.2	- 39.6	48.7	45.8	- 51.6
MCV (fL)	75.5	70.2	- 80.8	85.0	79.9	- 90.1	93.7	88.1	- 99.3
MCH (pg)	24.1	22.4	- 25.8	28.4	26.7	- 30.1	31.9	30.3	- 33.5
MCHC (g/dL)	31.9	28.7	- 35.1	33.4	30.7	- 36.1	34.1	31.4	- 36.8
PLT (10 ⁹ /L)	62	44	- 80	241	212	- 270	568	511	- 625
RDW-SD (fL)	49.3	44.9	- 53.7	47.2	43.0	- 51.4	48.8	43.9	- 53.7
RDW-CV (%)	18.6	16.9	- 20.3	16.7	15.5	- 17.9	15.9	14.6	- 17.2
MPV (fL)	9.3	8.0	- 10.6	9.6	8.7	- 10.5	9.9	9.2	- 10.6
WBC-C (10 ⁹ /L)	2.96	2.63	- 3.29	6.96	6.33	- 7.59	15.64	14.39	- 16.89
WBC-D (10 ⁹ /L)	3.01	2.71	- 3.31	7.22	6.57	- 7.87	16.24	14.94	- 17.54
NEUT%	36.1	31.0	- 41.2	40.6	36.1	- 45.1	43.1	38.8	- 47.4
LYMPH%	39.8	33.8	- 45.8	34.3	30.5	- 38.1	30.0	27.0	- 33.0
MONO%	10.0	5.6	- 14.4	9.4	6.6	- 12.2	9.9	7.4	- 12.4
EO%	8.8	5.5	- 12.1	9.6	6.2	- 13.0	10.3	6.6	- 14.0
BASO%	5.3	3.0	- 7.6	6.2	3.7	- 8.7	6.7	4.1	- 9.3
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