



e-CHECK™ (XE)

**HEMATOLOGY CONTROL FOR SYSMEX XE-5000™ and XE-2100™ ANALYZERS
OPEN MODE ASSAY**

Expiration Date: 2020-06-08		Quality Control Data Due Date #1: 27-Apr-20				Quality Control Data Due Date #2: 08-Jun-20			
Lot Number:		00780810		00780811		00780812			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (1012/L)	2.35	2.26	- 2.44	4.45	4.32	- 4.58	5.39	5.23	- 5.55
HGB (g/dL)	5.7	5.5	- 6.0	12.6	12.2	- 12.9	16.9	16.4	- 17.4
HCT (%)	17.6	16.5	- 18.7	37.0	35.2	- 38.9	48.3	45.9	- 50.7
MCV (fL)	74.9	70.4	- 79.4	83.1	78.1	- 88.1	89.6	85.1	- 94.1
MCH (pg)	24.4	23.2	- 25.6	28.2	27.1	- 29.3	31.3	30.0	- 32.6
MCHC (g/dL)	32.6	30.0	- 35.2	33.9	31.5	- 36.3	34.9	32.5	- 37.3
PLT (109/L)	59	45	- 73	232	209	- 255	555	511	- 599
RDW-SD (fL)	44.4	40.4	- 48.4	45.1	41.0	- 49.2	44.8	40.8	- 48.8
RDW-CV (%)	16.4	15.1	- 17.7	15.0	14.1	- 15.9	14.0	13.2	- 14.8
MPV (fL)	8.7	7.6	- 9.8	9.1	8.4	- 9.8	9.2	8.6	- 9.8
WBC (109/L)	3.07	2.70	- 3.44	6.98	6.35	- 7.61	17.63	16.22	- 19.04
WBC-D (109/L)	2.85	2.51	- 3.19	6.42	5.84	- 7.00	16.62	15.12	- 18.12
NEUT%	42.6	36.6	- 48.6	46.5	41.9	- 51.2	51.2	46.1	- 56.3
LYMPH%	38.8	31.8	- 45.8	33.0	28.1	- 38.0	28.6	24.3	- 32.9
MONO%	9.0	4.1	- 13.9	9.7	5.9	- 13.5	9.2	5.6	- 12.8
EO%	9.3	5.8	- 12.8	10.5	6.6	- 14.4	10.9	7.0	- 14.8
BASO%	59.9	53.3	- 66.5	65.8	61.2	- 70.4	69.9	67.1	- 72.7
NEUT# (109/L)	1.31	1.05	- 1.57	3.25	2.76	- 3.74	9.03	7.86	- 10.20
LYMPH# (109/L)	1.19	0.92	- 1.46	2.30	1.86	- 2.74	5.04	4.18	- 5.90
MONO# (109/L)	0.28	0.12	- 0.44	0.68	0.39	- 0.97	1.61	0.97	- 2.25
EO# (109/L)	0.28	0.17	- 0.39	0.73	0.45	- 1.01	1.92	1.21	- 2.63
BASO# (109/L)	1.84	1.51	- 2.17	4.60	4.00	- 5.20	12.32	11.09	- 13.55
NRBC# (109/L)	0.15	0.07	- 0.23	0.44	0.29	- 0.59	1.02	0.80	- 1.24
NRBC% (/100 WBC)	5.0	2.3	- 7.8	6.7	4.5	- 8.9	6.1	4.8	- 7.4
PLT-O (109/L)	62	41	- 83	231	192	- 270	570	485	- 656
RET# (1012/L)	0.1396	0.0963	- 0.1829	0.1092	0.0764	- 0.1420	0.0520	0.0374	- 0.0666
RET%	5.95	4.28	- 7.62	2.46	1.80	- 3.12	0.96	0.62	- 1.30
IRF (%)	24.9	4.2	- 45.6	23.1	1.8	- 44.4	16.1	0.8	- 31.4
IG #	0.31	0.23	- 0.39	0.77	0.61	- 0.93	2.12	1.70	- 2.54
IG %	10.1	8.0	- 12.2	11.0	8.9	- 13.1	12.0	9.7	- 14.3
HPC #	0.011	0.008	- 0.014	0.030	0.023	- 0.038	0.086	0.065	- 0.108
RET-He (pg)	23.8	20.5	- 27.1	24.5	21.1	- 27.9	26.2	22.0	- 30.4
IPF %	21.7	17.6	- 25.8	21.7	17.6	- 25.8	21.7	17.6	- 25.8

*Not all parameters are available on all analyzer models

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e-CHECK™ (XE)

**HEMATOLOGY CONTROL FOR SYSMEX XE-5000™ and XE-2100™ ANALYZERS
CLOSED MODE ASSAY**

Expiration Date: 2020-06-08		Quality Control Data Due Date #1: 27-Apr-20				Quality Control Data Due Date #2: 08-Jun-20			
Lot Number:		00780810		00780811		00780812			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (1012/L)	2.35	2.26	- 2.44	4.45	4.32	- 4.58	5.31	5.15	- 5.47
HGB (g/dL)	5.8	5.5	- 6.0	12.5	12.1	- 12.9	16.7	16.2	- 17.2
HCT (%)	17.6	16.5	- 18.7	37.0	35.2	- 38.9	48.3	45.9	- 50.7
MCV (fL)	74.9	70.4	- 79.4	83.1	78.1	- 88.1	91.0	86.5	- 95.6
MCH (pg)	24.5	23.3	- 25.7	28.1	27.0	- 29.2	31.5	30.2	- 32.8
MCHC (g/dL)	32.7	30.1	- 35.3	33.7	31.3	- 36.1	34.6	32.2	- 37.0
PLT (109/L)	59	45	- 73	227	204	- 250	516	475	- 557
RDW-SD (fL)	44.4	40.4	- 48.4	45.1	41.0	- 49.2	44.8	40.8	- 48.8
RDW-CV (%)	16.4	15.1	- 17.7	15.0	14.1	- 15.9	14.0	13.2	- 14.8
MPV (fL)	8.7	7.6	- 9.8	9.1	8.4	- 9.8	9.2	8.6	- 9.8
WBC (109/L)	2.98	2.62	- 3.34	6.56	5.97	- 7.15	17.10	15.73	- 18.47
WBC-D (109/L)	2.76	2.43	- 3.09	6.23	5.67	- 6.79	15.62	14.22	- 17.03
NEUT%	42.9	36.9	- 48.9	46.5	41.9	- 51.2	50.8	45.7	- 55.9
LYMPH%	38.6	31.7	- 45.5	33.2	28.2	- 38.2	28.6	24.3	- 32.9
MONO%	9.4	4.3	- 14.5	9.6	5.9	- 13.3	9.4	5.7	- 13.1
EO%	9.1	5.6	- 12.6	10.7	6.7	- 14.7	11.2	7.2	- 15.2
BASO%	60.4	53.8	- 67.0	66.6	61.9	- 71.3	70.6	67.8	- 73.4
NEUT# (109/L)	1.28	1.02	- 1.54	3.05	2.59	- 3.51	8.68	7.55	- 9.81
LYMPH# (109/L)	1.15	0.89	- 1.41	2.18	1.77	- 2.59	4.89	4.06	- 5.72
MONO# (109/L)	0.28	0.12	- 0.44	0.63	0.37	- 0.89	1.61	0.97	- 2.25
EO# (109/L)	0.27	0.16	- 0.38	0.70	0.43	- 0.97	1.92	1.21	- 2.63
BASO# (109/L)	1.80	1.48	- 2.12	4.37	3.80	- 4.94	12.07	10.86	- 13.28
NRBC# (109/L)	0.14	0.06	- 0.22	0.42	0.28	- 0.56	1.01	0.79	- 1.23
NRBC% (/100 WBC)	5.0	2.3	- 7.8	6.7	4.5	- 8.9	6.1	4.8	- 7.4
PLT-O (109/L)	62	41	- 83	231	192	- 270	553	470	- 636
RET# (1012/L)	0.1396	0.0963	- 0.1829	0.1092	0.0764	- 0.1420	0.0520	0.0374	- 0.0666
RET%	5.95	4.28	- 7.62	2.46	1.80	- 3.12	0.96	0.62	- 1.30
IRF (%)	24.9	4.2	- 45.6	23.1	1.8	- 44.4	16.1	0.8	- 31.4
IG #	0.30	0.23	- 0.38	0.77	0.61	- 0.93	2.12	1.70	- 2.54
IG %	10.1	8.0	- 12.2	11.0	8.9	- 13.1	12.0	9.7	- 14.3
HPC #	0.011	0.008	- 0.014	0.030	0.023	- 0.038	0.086	0.065	- 0.108
RET-He (pg)	23.8	20.5	- 27.1	24.5	21.1	- 27.9	26.2	22.0	- 30.4
IPF %	21.7	17.6	- 25.8	21.7	17.6	- 25.8	21.7	17.6	- 25.8

*Not all parameters are available on all analyzer models

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