



e-CHECK™ (XE)

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

Expiration Date: 2019-09-02		Quality Control Data Due Date #1: 22-Jul-19				Quality Control Data Due Date #2: 02-Sep-19			
Lot Number: 91650810		91650811				91650812			
Control: L1:Level 1		L2:Level 2				L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.28	2.19	- 2.37	4.33	4.20	- 4.46	5.26	5.10	- 5.42
HGB (g/dL)	5.5	5.3	- 5.8	11.8	11.5	- 12.2	16.4	15.9	- 16.9
HCT (%)	17.0	16.0	- 18.0	35.0	33.3	- 36.8	46.8	44.5	- 49.1
MCV (fL)	74.6	70.1	- 79.1	80.8	76.0	- 85.6	89.0	84.6	- 93.5
MCH (pg)	24.3	23.1	- 25.5	27.3	26.2	- 28.4	31.1	29.9	- 32.3
MCHC (g/dL)	32.5	29.9	- 35.1	33.8	31.4	- 36.2	35.0	32.6	- 37.5
PLT (10 ⁹ /L)	58	45	- 71	231	208	- 254	551	507	- 595
RDW-SD (fL)	48.3	44.0	- 52.6	45.2	41.1	- 49.3	44.7	40.7	- 48.7
RDW-CV (%)	17.7	16.3	- 19.1	15.4	14.5	- 16.3	13.9	13.1	- 14.7
MPV (fL)	9.0	7.8	- 10.2	9.4	8.6	- 10.2	9.7	9.0	- 10.4
WBC (10 ⁹ /L)	2.98	2.62	- 3.34	6.84	6.22	- 7.46	18.05	16.61	- 19.49
WBC-D (10 ⁹ /L)	2.78	2.45	- 3.11	6.28	5.71	- 6.85	16.66	15.16	- 18.16
NEUT%	42.7	36.7	- 48.7	46.8	42.1	- 51.5	52.0	46.8	- 57.2
LYMPH%	38.9	31.9	- 45.9	34.2	29.1	- 39.3	28.8	24.5	- 33.1
MONO%	8.9	4.1	- 13.7	8.6	5.2	- 12.0	8.3	5.1	- 11.5
EO%	9.1	5.6	- 12.6	10.2	6.4	- 14.0	10.9	7.0	- 14.8
BASO%	60.7	54.0	- 67.4	64.9	60.4	- 69.4	70.2	67.4	- 73.0
NEUT# (10 ⁹ /L)	1.27	1.02	- 1.52	3.20	2.72	- 3.68	9.38	8.16	- 10.60
LYMPH# (10 ⁹ /L)	1.16	0.89	- 1.43	2.34	1.90	- 2.78	5.20	4.32	- 6.08
MONO# (10 ⁹ /L)	0.27	0.12	- 0.42	0.59	0.34	- 0.84	1.49	0.89	- 2.09
EO# (10 ⁹ /L)	0.27	0.16	- 0.38	0.70	0.43	- 0.97	1.96	1.23	- 2.69
BASO# (10 ⁹ /L)	1.81	1.48	- 2.14	4.44	3.86	- 5.02	12.67	11.40	- 13.94
NRBC# (10 ⁹ /L)	0.15	0.07	- 0.23	0.40	0.27	- 0.53	1.16	0.90	- 1.42
NRBC% (/100 WBC)	5.5	2.5	- 8.5	6.2	4.2	- 8.2	6.9	5.5	- 8.3
PLT-O (10 ⁹ /L)	63	42	- 84	229	190	- 268	550	468	- 633
RET# (10 ¹² /L)	0.1465	0.1011	- 0.1919	0.1033	0.0723	- 0.1343	0.0456	0.0328	- 0.0584
RET%	6.44	4.64	- 8.24	2.39	1.74	- 3.04	0.87	0.57	- 1.17
IRF (%)	49.9	8.5	- 91.3	43.9	3.5	- 84.3	26.6	1.3	- 51.9
IG #	0.30	0.23	- 0.38	0.76	0.60	- 0.92	2.18	1.74	- 2.62
IG %	10.0	7.9	- 12.1	11.1	9.0	- 13.2	12.1	9.8	- 14.4
HPC #	0.011	0.008	- 0.014	0.028	0.021	- 0.035	0.085	0.064	- 0.106
RET-He (pg)	24.0	20.6	- 27.4	24.4	21.0	- 27.8	26.1	21.9	- 30.3
IPF %	21.6	17.5	- 25.7	21.8	17.7	- 25.9	21.5	17.4	- 25.6

*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: 2019-09-02		Quality Control Data Due Date #1: 22-Jul-19				Quality Control Data Due Date #2: 02-Sep-19			
Lot Number: 91650810		91650811				91650812			
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PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.28	2.19	- 2.37	4.33	4.20	- 4.46	5.18	5.02	- 5.34
HGB (g/dL)	5.6	5.3	- 5.8	11.8	11.4	- 12.1	16.2	15.7	- 16.7
HCT (%)	17.0	16.0	- 18.0	35.0	33.3	- 36.8	46.8	44.5	- 49.1
MCV (fL)	74.6	70.1	- 79.1	80.8	76.0	- 85.6	90.3	85.8	- 94.8
MCH (pg)	24.4	23.2	- 25.6	27.2	26.1	- 28.3	31.3	30.0	- 32.6
MCHC (g/dL)	32.7	30.1	- 35.3	33.7	31.3	- 36.1	34.7	32.3	- 37.1
PLT (10 ⁹ /L)	58	45	- 71	226	203	- 249	512	471	- 553
RDW-SD (fL)	48.3	44.0	- 52.6	45.2	41.1	- 49.3	44.7	40.7	- 48.7
RDW-CV (%)	17.7	16.3	- 19.1	15.4	14.5	- 16.3	13.9	13.1	- 14.7
MPV (fL)	9.0	7.8	- 10.2	9.4	8.6	- 10.2	9.7	9.0	- 10.4
WBC (10 ⁹ /L)	2.89	2.54	- 3.24	6.43	5.85	- 7.01	17.51	16.11	- 18.91
WBC-D (10 ⁹ /L)	2.70	2.38	- 3.02	6.09	5.54	- 6.64	15.66	14.25	- 17.07
NEUT%	42.9	36.9	- 48.9	46.5	41.9	- 51.2	51.5	46.4	- 56.7
LYMPH%	38.8	31.8	- 45.8	34.5	29.3	- 39.7	28.8	24.5	- 33.1
MONO%	9.3	4.3	- 14.3	8.6	5.2	- 12.0	8.5	5.2	- 11.8
EO%	9.0	5.6	- 12.4	10.4	6.6	- 14.2	11.2	7.2	- 15.2
BASO%	61.2	54.5	- 67.9	65.6	61.0	- 70.2	70.9	68.1	- 73.7
NEUT# (10 ⁹ /L)	1.24	0.99	- 1.49	2.99	2.54	- 3.44	9.02	7.85	- 10.19
LYMPH# (10 ⁹ /L)	1.12	0.86	- 1.38	2.22	1.80	- 2.64	5.04	4.18	- 5.90
MONO# (10 ⁹ /L)	0.27	0.12	- 0.42	0.55	0.32	- 0.78	1.49	0.89	- 2.09
EO# (10 ⁹ /L)	0.26	0.16	- 0.36	0.67	0.41	- 0.93	1.96	1.23	- 2.69
BASO# (10 ⁹ /L)	1.77	1.45	- 2.09	4.22	3.67	- 4.77	12.42	11.18	- 13.66
NRBC# (10 ⁹ /L)	0.14	0.06	- 0.22	0.38	0.25	- 0.51	1.15	0.90	- 1.40
NRBC% (/100 WBC)	5.5	2.5	- 8.5	6.2	4.2	- 8.2	6.9	5.5	- 8.3
PLT-O (10 ⁹ /L)	63	42	- 84	229	190	- 268	534	453	- 614
RET# (10 ¹² /L)	0.1465	0.1011	- 0.1919	0.1033	0.0723	- 0.1343	0.0456	0.0328	- 0.0584
RET%	6.44	4.64	- 8.24	2.39	1.74	- 3.04	0.87	0.57	- 1.17
IRF (%)	49.9	8.5	- 91.3	43.9	3.5	- 84.3	26.6	1.3	- 51.9
IG #	0.29	0.22	- 0.36	0.76	0.60	- 0.92	2.18	1.74	- 2.62
IG %	10.0	7.9	- 12.1	11.1	9.0	- 13.2	12.1	9.8	- 14.4
HPC #	0.011	0.008	- 0.014	0.028	0.021	- 0.035	0.085	0.064	- 0.106
RET-He (pg)	24.0	20.6	- 27.4	24.4	21.0	- 27.8	26.1	21.9	- 30.3
IPF %	21.6	17.5	- 25.7	21.8	17.7	- 25.9	21.5	17.4	- 25.6

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