



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XT-4000i™, XT-2000i™ and XT-1800i™ Analyzers

OPEN MODE ASSAY

Expiration Date: 2019-07-08		Quality Control Data Due Date #1: 27-May-19				Quality Control Data Due Date #2: 8-Jul-19			
Lot Number:		91070810		91070811		91070812			
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	4.34	4.17	- 4.51	5.25	5.04	- 5.46
HGB (g/dL)	5.4	5.2	- 5.7	11.8	11.5	- 12.2	16.1	15.6	- 16.5
HCT (%)	17.0	16.0	- 18.0	35.7	33.9	- 37.5	47.0	44.7	- 49.4
MCV (fL)	74.6	70.1	- 79.1	82.3	78.2	- 86.4	89.5	85.0	- 94.0
MCH (pg)	23.9	22.2	- 25.6	27.3	25.7	- 28.9	30.6	29.1	- 32.1
MCHC (g/dL)	32.0	29.1	- 34.9	33.1	30.8	- 35.4	34.1	31.7	- 36.5
PLT (10 ⁹ /L)	56	41	- 71	217	193	- 241	527	485	- 569
RDW-SD (fL)	44.6	40.1	- 49.1	46.6	41.9	- 51.3	45.1	39.7	- 50.5
RDW-CV (%)	16.8	15.1	- 18.5	16.2	14.9	- 17.5	14.7	13.5	- 15.9
MPV (fL)	9.0	7.8	- 10.2	9.3	8.6	- 10.0	9.5	9.0	- 10.0
WBC (10 ⁹ /L)	2.98	2.56	- 3.40	7.04	6.34	- 7.74	18.03	16.41	- 19.65
WBC-D (10 ⁹ /L)	2.85	2.48	- 3.22	6.34	5.64	- 7.04	17.20	15.48	- 18.92
NEUT%	42.5	36.6	- 48.5	47.9	43.1	- 52.7	51.2	46.6	- 55.8
LYMPH%	37.0	28.5	- 45.5	31.7	26.3	- 37.1	27.9	24.3	- 31.5
MONO%	11.7	4.2	- 19.2	10.3	5.8	- 14.8	10.6	6.5	- 14.7
EO%	8.9	5.6	- 12.2	10.0	6.4	- 13.6	10.3	6.7	- 13.9
BASO%	59.4	53.5	- 65.3	66.2	62.2	- 70.2	72.7	69.8	- 75.6
NEUT# (10 ⁹ /L)	1.27	1.02	- 1.52	3.37	2.86	- 3.88	9.24	8.04	- 10.44
LYMPH# (10 ⁹ /L)	1.10	0.80	- 1.40	2.23	1.78	- 2.68	5.02	4.22	- 5.82
MONO# (10 ⁹ /L)	0.35	0.12	- 0.58	0.73	0.40	- 1.06	1.91	1.15	- 2.67
EO# (10 ⁹ /L)	0.26	0.16	- 0.36	0.70	0.44	- 0.96	1.86	1.19	- 2.53
BASO# (10 ⁹ /L)	1.77	1.45	- 2.09	4.66	4.10	- 5.22	13.11	11.80	- 14.42
PLT-O (10 ⁹ /L)	54	35	- 73	217	176	- 258	584	491	- 677
RET# (10 ¹² /L)	0.1082	0.0768	- 0.1396	0.0691	0.0456	- 0.0926	0.0375	0.0225	- 0.0525
RET%	4.74	3.51	- 5.97	1.59	1.13	- 2.05	0.71	0.42	- 1.00
IRF (%)	55.9	14.5	- 97.3	48.0	9.1	- 86.9	32.9	3.9	- 61.9
IG #	0.33	0.25	- 0.41	0.91	0.73	- 1.09	2.62	1.52	- 3.72
IG %	11.5	9.2	- 13.8	13.0	10.7	- 15.3	13.9	8.1	- 19.7
RET-He (pg)	24.2	21.8	- 26.6	24.3	21.9	- 26.7	24.0	20.6	- 27.4

*Not all parameters are available on all analyzer models



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XT-4000i™, XT-2000i™ and XT-1800i™ Analyzers

CLOSED MODE ASSAY

Expiration Date: 2019-07-08		Quality Control Data Due Date #1: 27-May-19				Quality Control Data Due Date #2: 8-Jul-19			
Lot Number:		91070810		91070811		91070812			
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	4.34	4.17	- 4.51	5.20	4.99	- 5.41
HGB (g/dL)	5.4	5.2	- 5.7	12.1	11.7	- 12.4	16.1	15.6	- 16.5
HCT (%)	17.0	16.0	- 18.0	35.7	33.9	- 37.5	47.0	44.7	- 49.4
MCV (fL)	74.6	70.1	- 79.1	82.3	78.2	- 86.4	90.4	85.9	- 94.9
MCH (pg)	23.9	22.2	- 25.6	27.8	26.1	- 29.5	30.9	29.4	- 32.4
MCHC (g/dL)	32.0	29.1	- 34.9	33.8	31.4	- 36.2	34.1	31.7	- 36.5
PLT (10 ⁹ /L)	56	41	- 71	208	185	- 231	485	446	- 524
RDW-SD (fL)	44.6	40.1	- 49.1	46.6	41.9	- 51.3	45.1	39.7	- 50.5
RDW-CV (%)	16.8	15.1	- 18.5	16.2	14.9	- 17.5	14.7	13.5	- 15.9
MPV (fL)	9.0	7.8	- 10.2	9.3	8.6	- 10.0	9.5	9.0	- 10.0
WBC (10 ⁹ /L)	2.98	2.56	- 3.40	6.83	6.15	- 7.51	17.49	15.92	- 19.06
WBC-D (10 ⁹ /L)	2.88	2.51	- 3.25	6.53	5.81	- 7.25	17.37	15.63	- 19.11
NEUT%	43.0	37.0	- 49.0	47.8	43.0	- 52.6	50.4	45.9	- 54.9
LYMPH%	36.9	28.4	- 45.4	32.1	26.6	- 37.6	28.7	25.0	- 32.4
MONO%	11.7	4.2	- 19.2	10.0	5.6	- 14.4	10.3	6.3	- 14.3
EO%	8.4	5.3	- 11.5	10.1	6.5	- 13.7	10.6	6.9	- 14.3
BASO%	59.4	53.5	- 65.3	65.4	61.5	- 69.3	73.5	70.6	- 76.4
NEUT# (10 ⁹ /L)	1.28	1.02	- 1.54	3.27	2.78	- 3.76	8.81	7.66	- 9.96
LYMPH# (10 ⁹ /L)	1.10	0.80	- 1.40	2.19	1.75	- 2.63	5.02	4.22	- 5.82
MONO# (10 ⁹ /L)	0.35	0.12	- 0.58	0.68	0.37	- 0.99	1.80	1.08	- 2.52
EO# (10 ⁹ /L)	0.25	0.15	- 0.35	0.69	0.43	- 0.95	1.86	1.19	- 2.53
BASO# (10 ⁹ /L)	1.77	1.45	- 2.09	4.47	3.93	- 5.01	12.85	11.57	- 14.14
PLT-O (10 ⁹ /L)	54	35	- 73	217	176	- 258	566	476	- 657
RET# (10 ¹² /L)	0.1028	0.0730	- 0.1326	0.0691	0.0456	- 0.0926	0.0375	0.0225	- 0.0525
RET%	4.50	3.33	- 5.67	1.59	1.13	- 2.05	0.71	0.42	- 1.00
IRF (%)	55.9	14.5	- 97.3	48.0	9.1	- 86.9	32.9	3.9	- 61.9
IG #	0.33	0.25	- 0.41	0.91	0.73	- 1.09	2.59	1.50	- 3.68
IG %	11.5	9.2	- 13.8	13.0	10.7	- 15.3	13.9	8.1	- 19.7
RET-He (pg)	24.2	21.8	- 26.6	24.3	21.9	- 26.7	24.0	20.6	- 27.4

*Not all parameters are available on all analyzer models