



e-CHECK™ (XE)

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

OPEN MODE ASSAY

Expiration Date: 2019-09-02		Quality Control Data Due Date #1: 22-Jul-19				Quality Control Data Due Date #2: 2-Sep-19			
Lot Number:		91640810		91640811		91640812			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.38	2.28	- 2.48	4.37	4.20	- 4.54	5.28	5.07	- 5.49
HGB (g/dL)	5.6	5.4	- 5.9	11.9	11.5	- 12.2	16.1	15.6	- 16.6
HCT (%)	17.6	16.5	- 18.7	35.2	33.4	- 37.0	46.7	44.4	- 49.0
MCV (fL)	73.9	69.5	- 78.3	80.5	76.5	- 84.5	88.4	84.0	- 92.8
MCH (pg)	23.7	22.0	- 25.4	27.2	25.6	- 28.8	30.5	29.0	- 32.0
MCHC (g/dL)	32.0	29.1	- 34.9	33.7	31.3	- 36.1	34.5	32.1	- 36.9
PLT (10 ⁹ /L)	61	45	- 77	224	199	- 249	513	472	- 554
RDW-SD (fL)	45.9	41.3	- 50.5	47.0	42.3	- 51.7	43.3	38.1	- 48.5
RDW-CV (%)	17.3	15.6	- 19.0	16.4	15.1	- 17.7	14.1	13.0	- 15.2
MPV (fL)	9.1	7.9	- 10.3	9.5	8.8	- 10.2	9.7	9.2	- 10.2
WBC (10 ⁹ /L)	3.10	2.67	- 3.53	7.22	6.50	- 7.94	18.50	16.84	- 20.17
WBC-D (10 ⁹ /L)	2.96	2.58	- 3.34	6.43	5.72	- 7.14	17.63	15.87	- 19.39
NEUT%	43.3	37.2	- 49.4	47.3	42.6	- 52.0	52.6	47.9	- 57.3
LYMPH%	37.3	28.7	- 45.9	31.3	26.0	- 36.6	26.1	22.7	- 29.5
MONO%	10.6	3.8	- 17.4	11.5	6.4	- 16.6	10.9	6.6	- 15.2
EO%	8.8	5.5	- 12.1	10.0	6.4	- 13.6	10.4	6.8	- 14.0
BASO%	59.6	53.6	- 65.6	65.9	61.9	- 69.9	74.3	71.3	- 77.3
NEUT# (10 ⁹ /L)	1.34	1.07	- 1.61	3.41	2.90	- 3.92	9.74	8.47	- 11.01
LYMPH# (10 ⁹ /L)	1.16	0.85	- 1.47	2.26	1.81	- 2.71	4.84	4.07	- 5.61
MONO# (10 ⁹ /L)	0.33	0.11	- 0.55	0.83	0.46	- 1.20	2.02	1.21	- 2.83
EO# (10 ⁹ /L)	0.27	0.16	- 0.38	0.72	0.45	- 0.99	1.92	1.23	- 2.61
BASO# (10 ⁹ /L)	1.85	1.52	- 2.18	4.76	4.19	- 5.33	13.74	12.37	- 15.11
PLT-O (10 ⁹ /L)	58	38	- 78	218	177	- 259	555	466	- 644
RET# (10 ¹² /L)	0.1072	0.0761	- 0.1383	0.0766	0.0506	- 0.1026	0.0391	0.0235	- 0.0547
RET%	4.51	3.34	- 5.68	1.75	1.24	- 2.26	0.74	0.44	- 1.04
IRF (%)	58.3	15.2	- 101.4	50.3	9.6	- 91.0	32.4	3.9	- 60.9
IG #	0.36	0.28	- 0.44	0.92	0.74	- 1.10	2.72	1.58	- 3.86
IG %	11.8	9.4	- 14.2	12.9	10.6	- 15.2	14.0	8.1	- 19.9
RET-He (pg)	24.7	22.2	- 27.2	24.4	22.0	- 26.8	24.1	20.7	- 27.5

*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: 2019-09-02		Quality Control Data Due Date #1: 22-Jul-19				Quality Control Data Due Date #2: 2-Sep-19			
Lot Number:		91640810		91640811		91640812			
Control:		L1:Level 1		L2:Level 2		L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE		MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.38	2.28	- 2.48	4.37	4.20	- 4.54	5.23	5.02	- 5.44
HGB (g/dL)	5.6	5.4	- 5.9	12.1	11.7	- 12.5	16.1	15.6	- 16.6
HCT (%)	17.6	16.5	- 18.7	35.2	33.4	- 37.0	46.7	44.4	- 49.0
MCV (fL)	73.9	69.5	- 78.3	80.5	76.5	- 84.5	89.3	84.8	- 93.8
MCH (pg)	23.7	22.0	- 25.4	27.7	26.0	- 29.4	30.8	29.3	- 32.3
MCHC (g/dL)	32.0	29.1	- 34.9	34.4	32.0	- 36.8	34.5	32.1	- 36.9
PLT (10 ⁹ /L)	61	45	- 77	215	191	- 239	472	434	- 510
RDW-SD (fL)	45.9	41.3	- 50.5	47.0	42.3	- 51.7	43.3	38.1	- 48.5
RDW-CV (%)	17.3	15.6	- 19.0	16.4	15.1	- 17.7	14.1	13.0	- 15.2
MPV (fL)	9.1	7.9	- 10.3	9.5	8.8	- 10.2	9.7	9.2	- 10.2
WBC (10 ⁹ /L)	3.10	2.67	- 3.53	7.00	6.30	- 7.70	17.95	16.33	- 19.57
WBC-D (10 ⁹ /L)	2.99	2.60	- 3.38	6.62	5.89	- 7.35	17.81	16.03	- 19.59
NEUT%	43.6	37.5	- 49.7	47.3	42.6	- 52.0	51.7	47.0	- 56.4
LYMPH%	37.4	28.8	- 46.0	31.6	26.2	- 37.0	27.0	23.5	- 30.5
MONO%	10.6	3.8	- 17.4	11.0	6.2	- 15.8	10.6	6.5	- 14.7
EO%	8.4	5.3	- 11.5	10.1	6.5	- 13.7	10.7	7.0	- 14.4
BASO%	59.7	53.7	- 65.7	65.3	61.4	- 69.2	75.0	72.0	- 78.0
NEUT# (10 ⁹ /L)	1.35	1.08	- 1.62	3.31	2.81	- 3.81	9.29	8.08	- 10.50
LYMPH# (10 ⁹ /L)	1.16	0.85	- 1.47	2.21	1.77	- 2.65	4.84	4.07	- 5.61
MONO# (10 ⁹ /L)	0.33	0.11	- 0.55	0.77	0.42	- 1.12	1.90	1.14	- 2.66
EO# (10 ⁹ /L)	0.26	0.16	- 0.36	0.71	0.45	- 0.97	1.92	1.23	- 2.61
BASO# (10 ⁹ /L)	1.85	1.52	- 2.18	4.57	4.02	- 5.12	13.47	12.12	- 14.82
PLT-O (10 ⁹ /L)	58	38	- 78	218	177	- 259	538	452	- 624
RET# (10 ¹² /L)	0.1018	0.0723	- 0.1313	0.0766	0.0506	- 0.1026	0.0391	0.0235	- 0.0547
RET%	4.28	3.17	- 5.39	1.75	1.24	- 2.26	0.74	0.44	- 1.04
IRF (%)	58.3	15.2	- 101.4	50.3	9.6	- 91.0	32.4	3.9	- 60.9
IG #	0.36	0.28	- 0.44	0.92	0.74	- 1.10	2.69	1.56	- 3.82
IG %	11.8	9.4	- 14.2	12.9	10.6	- 15.2	14.0	8.1	- 19.9
RET-He (pg)	24.7	22.2	- 27.2	24.4	22.0	- 26.8	24.1	20.7	- 27.5

*Not all parameters are available on all analyzer models