



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:		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)	2.27	2.18	- 2.36	4.31	4.14	- 4.48	5.27	5.06	- 5.48
HGB (g/dL)	5.5	5.2	- 5.7	11.7	11.3	- 12.1	16.2	15.7	- 16.7
HCT (%)	17.0	16.0	- 18.0	34.7	33.0	- 36.4	47.0	44.7	- 49.4
MCV (fL)	74.9	70.4	- 79.4	80.5	76.5	- 84.5	89.2	84.7	- 93.7
MCH (pg)	24.1	22.4	- 25.8	27.1	25.5	- 28.7	30.7	29.2	- 32.2
MCHC (g/dL)	32.1	29.2	- 35.0	33.7	31.3	- 36.1	34.5	32.1	- 36.9
PLT (10 ⁹ /L)	58	43	- 73	225	200	- 250	525	483	- 567
RDW-SD (fL)	48.5	43.7	- 53.4	45.4	40.9	- 49.9	44.2	38.9	- 49.5
RDW-CV (%)	18.1	16.3	- 19.9	16.0	14.7	- 17.3	14.4	13.2	- 15.6
MPV (fL)	9.1	7.9	- 10.3	9.6	8.9	- 10.3	9.8	9.3	- 10.3
WBC (10 ⁹ /L)	2.93	2.52	- 3.34	6.91	6.22	- 7.60	18.10	16.47	- 19.73
WBC-D (10 ⁹ /L)	2.80	2.44	- 3.16	6.17	5.49	- 6.85	17.08	15.37	- 18.79
NEUT%	43.4	37.3	- 49.5	46.2	41.6	- 50.8	50.9	46.3	- 55.5
LYMPH%	37.3	28.7	- 45.9	32.6	27.1	- 38.1	26.9	23.4	- 30.4
MONO%	10.4	3.7	- 17.1	11.2	6.3	- 16.1	10.9	6.6	- 15.2
EO%	8.8	5.5	- 12.1	10.1	6.5	- 13.7	11.4	7.4	- 15.4
BASO%	60.6	54.5	- 66.7	64.4	60.5	- 68.3	72.9	70.0	- 75.8
NEUT# (10 ⁹ /L)	1.27	1.02	- 1.52	3.19	2.71	- 3.67	9.21	8.01	- 10.41
LYMPH# (10 ⁹ /L)	1.09	0.80	- 1.38	2.25	1.80	- 2.70	4.86	4.08	- 5.64
MONO# (10 ⁹ /L)	0.31	0.11	- 0.51	0.77	0.42	- 1.12	1.97	1.18	- 2.76
EO# (10 ⁹ /L)	0.26	0.16	- 0.36	0.70	0.44	- 0.96	2.06	1.32	- 2.80
BASO# (10 ⁹ /L)	1.77	1.45	- 2.09	4.45	3.92	- 4.98	13.20	11.88	- 14.52
PLT-O (10 ⁹ /L)	56	36	- 76	224	181	- 267	581	488	- 674
RET# (10 ¹² /L)	0.1165	0.0827	- 0.1503	0.0733	0.0484	- 0.0982	0.0373	0.0224	- 0.0522
RET%	5.13	3.80	- 6.46	1.70	1.21	- 2.19	0.71	0.42	- 1.00
IRF (%)	61.3	15.9	- 106.7	53.5	10.2	- 96.8	30.6	3.7	- 57.5
IG #	0.33	0.25	- 0.41	0.85	0.68	- 1.02	2.59	1.50	- 3.68
IG %	11.7	9.4	- 14.0	12.5	10.3	- 14.8	13.7	7.9	- 19.5
RET-He (pg)	24.5	22.1	- 27.0	24.2	21.8	- 26.6	23.7	20.4	- 27.0

*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:		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)	2.27	2.18	- 2.36	4.31	4.14	- 4.48	5.22	5.01	- 5.43
HGB (g/dL)	5.5	5.2	- 5.7	11.9	11.6	- 12.3	16.2	15.7	- 16.7
HCT (%)	17.0	16.0	- 18.0	34.7	33.0	- 36.4	47.0	44.7	- 49.4
MCV (fL)	74.9	70.4	- 79.4	80.5	76.5	- 84.5	90.0	85.5	- 94.5
MCH (pg)	24.1	22.4	- 25.8	27.7	26.0	- 29.4	31.0	29.5	- 32.6
MCHC (g/dL)	32.1	29.2	- 35.0	34.4	32.0	- 36.8	34.5	32.1	- 36.9
PLT (10 ⁹ /L)	58	43	- 73	216	192	- 240	483	444	- 522
RDW-SD (fL)	48.5	43.7	- 53.4	45.4	40.9	- 49.9	44.2	38.9	- 49.5
RDW-CV (%)	18.1	16.3	- 19.9	16.0	14.7	- 17.3	14.4	13.2	- 15.6
MPV (fL)	9.1	7.9	- 10.3	9.6	8.9	- 10.3	9.8	9.3	- 10.3
WBC (10 ⁹ /L)	2.93	2.52	- 3.34	6.70	6.03	- 7.37	17.56	15.98	- 19.14
WBC-D (10 ⁹ /L)	2.83	2.46	- 3.20	6.36	5.66	- 7.06	17.25	15.53	- 18.98
NEUT%	43.7	37.6	- 49.8	46.0	41.4	- 50.6	50.1	45.6	- 54.6
LYMPH%	37.2	28.6	- 45.8	33.0	27.4	- 38.6	27.7	24.1	- 31.3
MONO%	10.6	3.8	- 17.4	10.7	6.0	- 15.4	10.5	6.4	- 14.6
EO%	8.5	5.4	- 11.6	10.3	6.6	- 14.0	11.7	7.6	- 15.8
BASO%	60.4	54.4	- 66.4	63.7	59.9	- 67.5	73.7	70.8	- 76.6
NEUT# (10 ⁹ /L)	1.28	1.02	- 1.54	3.08	2.62	- 3.54	8.79	7.65	- 9.93
LYMPH# (10 ⁹ /L)	1.09	0.80	- 1.38	2.21	1.77	- 2.65	4.86	4.08	- 5.64
MONO# (10 ⁹ /L)	0.31	0.11	- 0.51	0.72	0.40	- 1.04	1.85	1.11	- 2.59
EO# (10 ⁹ /L)	0.25	0.15	- 0.35	0.69	0.43	- 0.95	2.06	1.32	- 2.80
BASO# (10 ⁹ /L)	1.77	1.45	- 2.09	4.27	3.76	- 4.78	12.94	11.65	- 14.23
PLT-O (10 ⁹ /L)	56	36	- 76	224	181	- 267	564	473	- 654
RET# (10 ¹² /L)	0.1107	0.0786	- 0.1428	0.0733	0.0484	- 0.0982	0.0373	0.0224	- 0.0522
RET%	4.87	3.60	- 6.14	1.70	1.21	- 2.19	0.71	0.42	- 1.00
IRF (%)	61.3	15.9	- 106.7	53.5	10.2	- 96.8	30.6	3.7	- 57.5
IG #	0.33	0.25	- 0.41	0.85	0.68	- 1.02	2.56	1.49	- 3.64
IG %	11.7	9.4	- 14.0	12.5	10.3	- 14.8	13.7	7.9	- 19.5
RET-He (pg)	24.5	22.1	- 27.0	24.2	21.8	- 26.6	23.7	20.4	- 27.0

*Not all parameters are available on all analyzer models