



e-CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XE-2100D™ ANALYZERS IN BLOOD CENTERS OPEN MODE ASSAY

Expiration Date:		2024-08-26		Quality Control Data Due Date #1: 15-Jul-24		Quality Control Data Due Date #2: 26-Aug-24	
Lot Number:		41570801		41570802		41570803	
Control:		L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.30	2.21 - 2.39	4.34	4.21 - 4.47	5.25	5.09 - 5.41	
HGB (g/dL)	5.7	5.5 - 5.9	11.8	11.4 - 12.1	15.9	15.4 - 16.3	
HCT (%)	17.1	16.1 - 18.1	34.6	32.8 - 36.3	45.5	43.3 - 47.8	
MCV (fL)	74.2	69.7 - 78.6	79.6	74.8 - 84.4	86.7	82.4 - 91.1	
MCH (pg)	24.8	23.5 - 26.0	27.1	26.0 - 28.2	30.2	29.0 - 31.4	
MCHC (g/dL)	33.4	30.7 - 36.0	34.1	31.7 - 36.4	34.8	32.4 - 37.2	
PLT (10 ⁹ /L)	58	44 - 71	234	210 - 257	556	511 - 600	
RDW-SD (fL)	45.7	41.6 - 49.8	46.4	42.2 - 50.5	43.0	39.1 - 46.9	
RDW-CV (%)	16.8	15.5 - 18.2	15.9	15.0 - 16.9	13.9	13.1 - 14.7	
MPV (fL)	9.1	7.9 - 10.3	9.4	8.7 - 10.2	9.5	8.9 - 10.2	
WBC (10 ⁹ /L)	2.87	2.53 - 3.22	6.69	6.09 - 7.30	16.22	14.92 - 17.52	
NEUT%	44.3	38.1 - 50.5	48.4	43.6 - 53.2	52.8	47.6 - 58.1	
LYMPH%	37.3	30.6 - 44.0	32.2	27.4 - 37.0	26.9	22.9 - 30.9	
MONO%	9.1	4.2 - 14.1	8.9	5.4 - 12.3	8.9	5.4 - 12.4	
EO%	9.3	5.8 - 12.8	10.6	6.7 - 14.5	11.3	7.3 - 15.4	
BASO%	63.4	56.4 - 70.4	68.9	64.0 - 73.7	74.1	70.4 - 77.8	
NEUT# (10 ⁹ /L)	1.27	1.02 - 1.53	3.24	2.75 - 3.73	8.57	7.46 - 9.69	
LYMPH# (10 ⁹ /L)	1.07	0.83 - 1.32	2.15	1.75 - 2.56	4.36	3.62 - 5.11	
MONO# (10 ⁹ /L)	0.26	0.12 - 0.41	0.59	0.34 - 0.84	1.45	0.87 - 2.03	
EO# (10 ⁹ /L)	0.27	0.16 - 0.37	0.71	0.43 - 0.98	1.84	1.16 - 2.52	
BASO# (10 ⁹ /L)	1.82	1.49 - 2.15	4.61	4.01 - 5.21	12.02	10.82 - 13.22	

OPEN



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HEMATOLOGY CONTROL FOR SYSMEX XE-2100D™ ANALYZERS IN BLOOD CENTERS CLOSED MODE ASSAY

Expiration Date:		2024-08-26		Quality Control Data Due Date #1: 15-Jul-24		Quality Control Data Due Date #2: 26-Aug-24	
Lot Number:		41570801		41570802		41570803	
Control:		L1:Level 1		L2:Level 2		L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	
RBC (10 ¹² /L)	2.30	2.21 - 2.39	4.34	4.21 - 4.47	5.20	5.04 - 5.35	
HGB (g/dL)	5.7	5.5 - 6.0	11.7	11.4 - 12.1	15.7	15.2 - 16.2	
HCT (%)	17.1	16.1 - 18.1	34.6	32.8 - 36.3	45.5	43.3 - 47.8	
MCV (fL)	74.2	69.7 - 78.6	79.6	74.8 - 84.4	87.6	83.2 - 92.0	
MCH (pg)	24.9	23.6 - 26.1	27.0	25.9 - 28.1	30.2	29.0 - 31.4	
MCHC (g/dL)	33.5	30.9 - 36.2	33.9	31.5 - 36.3	34.5	32.0 - 36.9	
PLT (10 ⁹ /L)	58	44 - 71	229	206 - 252	523	481 - 564	
RDW-SD (fL)	45.2	41.2 - 49.3	45.9	41.8 - 50.0	43.0	39.1 - 46.9	
RDW-CV (%)	16.7	15.3 - 18.0	15.8	14.8 - 16.7	13.9	13.1 - 14.7	
MPV (fL)	9.1	7.9 - 10.3	9.4	8.7 - 10.2	9.5	8.9 - 10.2	
WBC (10 ⁹ /L)	2.79	2.45 - 3.12	6.29	5.73 - 6.86	15.90	14.63 - 17.17	
NEUT%	44.8	38.6 - 51.1	48.6	43.7 - 53.4	53.4	48.0 - 58.7	
LYMPH%	36.9	30.3 - 43.6	32.8	27.9 - 37.8	26.6	22.6 - 30.6	
MONO%	9.1	4.2 - 13.9	8.1	5.0 - 11.3	8.7	5.3 - 12.0	
EO%	9.2	5.7 - 12.7	10.5	6.6 - 14.3	11.3	7.3 - 15.4	
BASO%	63.4	56.4 - 70.4	69.5	64.7 - 74.4	74.1	70.4 - 77.8	
NEUT# (10 ⁹ /L)	1.25	1.00 - 1.50	3.06	2.60 - 3.51	8.49	7.38 - 9.59	
LYMPH# (10 ⁹ /L)	1.03	0.79 - 1.27	2.07	1.67 - 2.46	4.23	3.51 - 4.95	
MONO# (10 ⁹ /L)	0.25	0.11 - 0.39	0.51	0.30 - 0.73	1.38	0.83 - 1.93	
EO# (10 ⁹ /L)	0.26	0.15 - 0.36	0.66	0.40 - 0.92	1.80	1.14 - 2.47	
BASO# (10 ⁹ /L)	1.77	1.45 - 2.09	4.38	3.81 - 4.95	11.78	10.60 - 12.96	

CLOSED