



XN-L CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-L ANALYZERS

Expiration Date: 2024-04-23	Insight Data Due Date #1: 17-Feb-2024	Insight Data Due Date #2: 21-Mar-2024	Insight Data Due Date #3: 23-Apr-2024			
Lot Number:	40131401	40131402	40131403			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.28	2.17 - 2.40	4.37	4.20 - 4.55	5.28	5.07 - 5.49
HGB (g/dL)	5.5	5.3 - 5.8	12.7	12.1 - 13.2	16.4	15.7 - 17.1
HCT (%)	16.4	15.2 - 17.5	35.7	33.6 - 37.9	44.9	42.2 - 47.6
MCV (fL)	71.7	67.4 - 76.0	81.7	76.8 - 86.6	85.1	80.0 - 90.2
MCH (pg)	24.3	22.3 - 26.2	28.9	26.9 - 31.0	31.1	29.2 - 32.9
MCHC (g/dL)	33.8	30.4 - 37.2	35.4	32.2 - 38.6	36.5	33.6 - 39.4
RDW-SD (fL)	48.5	44.7 - 52.4	46.7	43.0 - 50.5	47.5	43.3 - 51.8
RDW-CV (%)	18.9	17.9 - 19.8	16.0	15.3 - 16.6	15.7	15.1 - 16.3
PLT (10 ³ /μL)	57	34 - 81	244	203 - 286	564	496 - 632
MPV (fL)	10.4	8.6 - 12.3	10.0	9.0 - 11.0	9.8	8.9 - 10.7
WBC (10 ³ /μL)	2.41	2.05 - 2.77	6.89	6.20 - 7.57	16.55	15.06 - 18.04
NEUT# (10 ³ /μL)	1.09	0.90 - 1.29	3.36	2.89 - 3.83	8.79	7.65 - 9.94
LYMPH# (10 ³ /μL)	0.71	0.51 - 0.90	1.66	1.26 - 2.06	3.03	2.24 - 3.81
MONO# (10 ³ /μL)	0.21	0.09 - 0.32	0.58	0.29 - 0.88	1.37	0.75 - 1.99
EO# (10 ³ /μL)	0.29	0.21 - 0.37	0.88	0.68 - 1.08	2.30	1.80 - 2.81
BASO# (10 ³ /μL)	0.14	0.09 - 0.18	0.44	0.32 - 0.57	1.16	0.87 - 1.45
IG # (10 ³ /μL)	0.29	0.20 - 0.39	0.91	0.64 - 1.18	2.38	1.62 - 3.15
NEUT%	45.0	38.7 - 51.3	48.5	43.2 - 53.9	52.8	47.5 - 58.1
LYMPH%	29.0	21.8 - 36.3	23.9	18.7 - 29.2	18.2	13.6 - 22.7
MONO%	8.5	3.9 - 13.1	8.4	4.4 - 12.5	8.2	4.6 - 11.9
EO%	11.9	8.9 - 14.9	12.7	9.8 - 15.6	13.8	11.1 - 16.6
BASO%	5.6	3.7 - 7.4	6.4	4.6 - 8.2	7.0	5.2 - 8.7
IG (%)	12.0	8.3 - 15.8	13.1	9.3 - 16.9	14.3	9.9 - 18.8
RET%	6.52	4.82 - 8.21	2.78	2.06 - 3.51	1.46	0.96 - 1.96
RET# (10 ⁶ /μL)	0.1487	0.1085 - 0.1888	0.1217	0.0913 - 0.1521	0.0772	0.0502 - 0.1042
IRF (%)	16.6	0.7 - 32.6	15.8	1.6 - 30.1	14.9	2.1 - 27.7
RET-He (pg)	23.7	19.4 - 28.0	24.5	20.3 - 28.6	25.0	20.2 - 29.7