



# XN-L CHECK™

## HEMATOLOGY CONTROL FOR SYSMEX XN-L ANALYZERS

<b>Expiration Date:</b> <b>2024-07-16</b>	Insight Data Due Date #1: 11-May-2024	Insight Data Due Date #2: 13-Jun-2024	Insight Data Due Date #3: 16-Jul-2024			
<b>Lot Number:</b>	<b>40971401</b>	<b>40971402</b>	<b>40971403</b>			
<b>Control:</b>	<b>L1:Level 1</b>	<b>L2:Level 2</b>	<b>L3:Level 3</b>			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 <sup>6</sup> /μL)	2.35	2.23 - 2.47	4.33	4.15 - 4.50	5.33	5.12 - 5.54
HGB (g/dL)	5.8	5.5 - 6.0	12.3	11.8 - 12.8	16.8	16.1 - 17.5
HCT (%)	17.0	15.8 - 18.2	35.0	32.9 - 37.2	46.5	43.7 - 49.3
MCV (fL)	72.5	68.2 - 76.9	81.0	76.2 - 85.9	87.3	82.0 - 92.5
MCH (pg)	24.5	22.6 - 26.5	28.5	26.5 - 30.5	31.5	29.6 - 33.4
MCHC (g/dL)	33.8	30.4 - 37.2	35.2	32.0 - 38.4	36.1	33.2 - 39.0
RDW-SD (fL)	47.6	43.7 - 51.4	48.5	44.6 - 52.4	47.2	43.0 - 51.5
RDW-CV (%)	18.3	17.4 - 19.3	16.8	16.1 - 17.4	15.2	14.6 - 15.8
PLT (10 <sup>3</sup> /μL)	53	31 - 74	233	193 - 272	535	470 - 599
MPV (fL)	10.4	8.5 - 12.3	9.6	8.6 - 10.5	9.4	8.5 - 10.2
WBC (10 <sup>3</sup> /μL)	2.26	1.92 - 2.60	6.71	6.04 - 7.38	15.79	14.37 - 17.21
NEUT# (10 <sup>3</sup> /μL)	1.03	0.85 - 1.22	3.31	2.84 - 3.77	8.52	7.41 - 9.62
LYMPH# (10 <sup>3</sup> /μL)	0.64	0.47 - 0.81	1.55	1.18 - 1.93	2.65	1.96 - 3.33
MONO# (10 <sup>3</sup> /μL)	0.20	0.09 - 0.31	0.60	0.30 - 0.91	1.44	0.79 - 2.09
EO# (10 <sup>3</sup> /μL)	0.27	0.20 - 0.35	0.87	0.67 - 1.07	2.22	1.73 - 2.70
BASO# (10 <sup>3</sup> /μL)	0.14	0.09 - 0.18	0.44	0.31 - 0.56	1.13	0.84 - 1.41
IG # (10 <sup>3</sup> /μL)	0.28	0.19 - 0.37	0.89	0.63 - 1.16	2.29	1.56 - 3.02
NEUT%	45.3	39.0 - 51.6	48.8	43.4 - 54.2	53.4	48.1 - 58.7
LYMPH%	28.1	21.1 - 35.1	22.9	17.9 - 28.0	16.6	12.4 - 20.7
MONO%	8.7	4.0 - 13.4	8.9	4.6 - 13.2	9.1	5.1 - 13.0
EO%	11.9	9.0 - 14.9	12.9	9.9 - 15.9	13.9	11.1 - 16.7
BASO%	6.0	4.0 - 7.9	6.5	4.6 - 8.3	7.1	5.3 - 8.8
IG (%)	12.2	8.4 - 16.0	13.2	9.4 - 17.0	14.3	9.9 - 18.8
RET%	7.09	5.25 - 8.94	2.89	2.14 - 3.65	1.52	1.00 - 2.04
RET# (10 <sup>6</sup> /μL)	0.1666	0.1216 - 0.2116	0.1251	0.0938 - 0.1564	0.0811	0.0527 - 0.1094
IRF (%)	31.9	1.3 - 62.5	33.6	3.4 - 63.8	30.7	4.3 - 57.0
RET-He (pg)	22.8	18.7 - 26.9	23.4	19.4 - 27.4	24.2	19.6 - 28.8