



# XN CHECK™

## HEMATOLOGY CONTROL FOR SYSMEX XN-SERIES (XN-11, XN-21) ANALYZERS

<b>Expiration Date:</b> <b>2019-08-18</b>		<b>Quality Control Data Due Date #1:</b> <b>8-Jul-19</b>		<b>Quality Control Data Due Date #2:</b> <b>18-Aug-19</b>		
<b>Lot Number:</b>	<b>91491101</b>	<b>91491102</b>	<b>91491103</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)	2.33	2.21 - 2.45	4.37	4.20 - 4.54	5.22	5.01 - 5.43
HGB (g/dL)	5.78	5.49 - 6.07	11.72	11.25 - 12.19	15.41	14.79 - 16.03
HCT (%)	17.0	15.8 - 18.2	33.2	31.2 - 35.2	42.5	40.0 - 45.1
MCV (fL)	73.0	68.6 - 77.4	76.0	71.4 - 80.6	81.4	76.5 - 86.3
MCH (pg)	24.8	22.8 - 26.8	26.8	24.9 - 28.7	29.5	27.7 - 31.3
MCHC (g/dL)	34.0	30.6 - 37.4	35.3	32.1 - 38.5	36.3	33.4 - 39.2
RDW-SD (fL)	50.0	47.0 - 53.0	43.9	41.3 - 46.5	46.1	42.4 - 49.8
RDW-CV (%)	19.4	18.2 - 20.6	16.4	15.4 - 17.4	16.1	14.8 - 17.4
PLT (10 <sup>3</sup> /μL)	91	56 - 126	250	223 - 278	563	512 - 614
PLT-F (10 <sup>3</sup> /μL)	79	58 - 100	253	185 - 321	530	408 - 652
IPF %	19.0	16.5 - 21.5	20.1	16.1 - 24.1	19.8	15.6 - 24.0
IPF#	15.1	13.1 - 17.1	48.5	38.8 - 58.2	102.4	80.9 - 123.9
MPV (fL)	9.8	8.2 - 11.4	10.4	9.7 - 11.1	10.2	9.7 - 10.7
WBC (10 <sup>3</sup> /μL)	2.94	2.65 - 3.23	6.63	6.17 - 7.09	15.84	14.89 - 16.79
NEUT# (10 <sup>3</sup> /μL)	1.19	0.98 - 1.40	3.03	2.61 - 3.45	7.62	6.63 - 8.61
LYMPH# (10 <sup>3</sup> /μL)	1.00	0.73 - 1.27	1.94	1.47 - 2.41	4.14	3.06 - 5.22
MONO# (10 <sup>3</sup> /μL)	0.41	0.18 - 0.64	0.88	0.44 - 1.32	2.10	1.16 - 3.05
EO# (10 <sup>3</sup> /μL)	0.30	0.19 - 0.41	0.73	0.46 - 1.00	1.79	1.11 - 2.47
BASO# (10 <sup>3</sup> /μL)	0.15	0.11 - 0.19	0.33	0.28 - 0.38	0.79	0.69 - 0.89
IG # (10 <sup>3</sup> /μL)	0.30	0.24 - 0.36	0.76	0.62 - 0.90	1.92	1.57 - 2.27
NRBC# (10 <sup>3</sup> /μL)	0.15	0.09 - 0.21	0.44	0.32 - 0.56	1.07	0.86 - 1.28
NEUT%	39.1	33.6 - 44.6	43.8	39.0 - 48.6	46.4	41.8 - 51.0
LYMPH%	32.8	24.6 - 41.0	28.1	21.9 - 34.3	25.2	18.9 - 31.5
MONO%	13.5	6.2 - 20.8	12.8	6.7 - 18.9	12.8	7.2 - 18.4
EO%	9.8	6.2 - 13.4	10.5	6.7 - 14.3	10.9	6.9 - 14.9
BASO%	4.8	3.9 - 5.7	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	10.0	8.1 - 11.9	11.0	9.1 - 12.9	11.7	9.8 - 13.6
NRBC% (/100 WBC)	4.9	2.6 - 7.2	6.3	4.5 - 8.1	6.5	5.3 - 7.7
RET%	4.14	3.35 - 4.93	1.81	1.43 - 2.19	0.81	0.51 - 1.11
RET# (10 <sup>6</sup> /μL)	0.0965	0.0753 - 0.1177	0.0791	0.0641 - 0.0941	0.0423	0.0296 - 0.0550
IRF (%)	58.1	2.3 - 113.9	54.9	5.5 - 104.3	35.7	5.0 - 66.4
RET-He (pg)	24.1	20.7 - 27.5	25.1	21.8 - 28.4	27.5	23.4 - 31.6