



XN CHECK™

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

Expiration Date:	2019-08-18	Quality Control Data Due Date #1:	8-Jul-19	Quality Control Data Due Date #2:	18-Aug-19	
Lot Number:	91471101	91471102	91471103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.29	2.18 - 2.40	4.32	4.15 - 4.49	5.27	5.06 - 5.48
HGB (g/dL)	5.66	5.38 - 5.94	11.74	11.27 - 12.21	15.64	15.01 - 16.27
HCT (%)	16.6	15.4 - 17.8	33.2	31.2 - 35.2	43.2	40.6 - 45.8
MCV (fL)	72.5	68.2 - 76.9	76.9	72.3 - 81.5	82.0	77.1 - 86.9
MCH (pg)	24.7	22.7 - 26.7	27.2	25.3 - 29.1	29.7	27.9 - 31.5
MCHC (g/dL)	34.1	30.7 - 37.5	35.4	32.2 - 38.6	36.2	33.3 - 39.1
RDW-SD (fL)	44.2	41.5 - 46.9	44.5	41.8 - 47.2	43.9	40.4 - 47.4
RDW-CV (%)	17.4	16.4 - 18.4	16.5	15.5 - 17.5	15.3	14.1 - 16.5
PLT (10 ³ /μL)	91	56 - 126	245	218 - 272	583	531 - 635
PLT-F (10 ³ /μL)	79	58 - 100	248	181 - 315	543	418 - 668
IPF %	19.1	16.6 - 21.6	19.8	15.8 - 23.8	20.0	15.8 - 24.2
IPF#	15.1	13.1 - 17.1	46.8	37.4 - 56.2	106.3	84.0 - 128.6
MPV (fL)	9.7	8.1 - 11.3	10.4	9.7 - 11.1	10.3	9.8 - 10.8
WBC (10 ³ /μL)	2.89	2.60 - 3.18	6.77	6.30 - 7.24	15.99	15.03 - 16.95
NEUT# (10 ³ /μL)	1.15	0.94 - 1.36	2.97	2.55 - 3.39	7.68	6.68 - 8.68
LYMPH# (10 ³ /μL)	1.00	0.73 - 1.27	2.12	1.61 - 2.63	4.13	3.06 - 5.20
MONO# (10 ³ /μL)	0.42	0.18 - 0.66	0.95	0.48 - 1.43	2.06	1.13 - 2.99
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.70	0.44 - 0.96	1.83	1.13 - 2.53
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.34	0.29 - 0.39	0.79	0.69 - 0.89
IG # (10 ³ /μL)	0.30	0.24 - 0.36	0.76	0.62 - 0.90	1.95	1.60 - 2.30
NRBC# (10 ³ /μL)	0.16	0.09 - 0.23	0.40	0.29 - 0.51	1.14	0.91 - 1.37
NEUT%	38.5	33.1 - 43.9	42.0	37.4 - 46.6	46.5	41.9 - 51.2
LYMPH%	33.4	25.1 - 41.8	30.0	23.4 - 36.6	25.0	18.8 - 31.3
MONO%	14.0	6.4 - 21.6	13.4	7.0 - 19.8	12.5	7.0 - 18.0
EO%	9.3	5.9 - 12.7	9.9	6.3 - 13.5	11.1	7.0 - 15.2
BASO%	4.8	3.9 - 5.7	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.9	8.0 - 11.8	10.7	8.9 - 12.5	11.8	9.9 - 13.7
NRBC% (/100 WBC)	5.3	2.9 - 7.7	5.7	4.1 - 7.3	6.9	5.6 - 8.2
RET%	4.39	3.56 - 5.22	1.70	1.34 - 2.06	0.95	0.60 - 1.30
RET# (10 ⁶ /μL)	0.1005	0.0784 - 0.1226	0.0734	0.0595 - 0.0873	0.0501	0.0351 - 0.0651
IRF (%)	54.9	2.2 - 107.6	51.4	5.1 - 97.7	37.8	5.3 - 70.3
RET-He (pg)	23.8	20.5 - 27.1	24.9	21.7 - 28.1	26.8	22.8 - 30.8