



XN CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-SERIES (XN-10, XN-20) 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:	91491101	91491102	91491103	91491103		
Control:	L1:Level 1	L2:Level 2	L2:Level 2	L3:Level 3	L3:Level 3	
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.34	2.22 - 2.46	4.35	4.18 - 4.52	5.19	4.98 - 5.40
HGB (g/dL)	5.9	5.6 - 6.2	11.8	11.3 - 12.3	15.4	14.8 - 16.0
HCT (%)	17.7	16.5 - 18.9	34.9	32.8 - 37.0	44.2	41.5 - 46.9
MCV (fL)	75.6	71.1 - 80.1	80.2	75.4 - 85.0	85.2	80.1 - 90.3
MCH (pg)	25.2	23.2 - 27.2	27.1	25.2 - 29.0	29.7	27.9 - 31.5
MCHC (g/dL)	33.3	30.0 - 36.6	33.8	30.8 - 36.8	34.8	32.0 - 37.6
RDW-SD (fL)	51.7	48.6 - 54.8	46.5	43.7 - 49.3	48.4	44.5 - 52.3
RDW-CV (%)	19.2	18.0 - 20.4	16.3	15.3 - 17.3	15.9	14.6 - 17.2
PLT (10 ³ /μL)	87	54 - 120	243	216 - 270	548	499 - 597
PLT-F (10 ³ /μL)	78	57 - 99	257	188 - 326	529	407 - 651
IPF %	19.0	16.5 - 21.5	20.6	16.5 - 24.7	20.3	16.0 - 24.6
IPF#	14.8	12.9 - 16.7	50.4	40.3 - 60.5	105.0	83.0 - 127.1
MPV (fL)	8.8	7.4 - 10.2	9.4	8.7 - 10.1	9.2	8.7 - 9.7
WBC (10 ³ /μL)	2.99	2.69 - 3.29	6.73	6.26 - 7.20	16.10	15.13 - 17.07
NEUT# (10 ³ /μL)	1.19	0.98 - 1.40	3.04	2.61 - 3.47	7.57	6.59 - 8.55
LYMPH# (10 ³ /μL)	0.99	0.72 - 1.26	1.95	1.48 - 2.42	4.13	3.06 - 5.20
MONO# (10 ³ /μL)	0.42	0.18 - 0.66	0.87	0.44 - 1.31	2.08	1.14 - 3.02
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.71	0.45 - 0.97	1.82	1.13 - 2.51
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.79	0.69 - 0.89
IG # (10 ³ /μL)	0.31	0.24 - 0.38	0.77	0.62 - 0.92	1.90	1.56 - 2.24
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.43	0.31 - 0.55	1.05	0.84 - 1.26
NEUT%	39.4	33.9 - 44.9	44.0	39.2 - 48.8	46.2	41.6 - 50.8
LYMPH%	32.8	24.6 - 41.0	28.3	22.1 - 34.5	25.2	18.9 - 31.5
MONO%	13.7	6.3 - 21.1	12.6	6.6 - 18.6	12.7	7.1 - 18.3
EO%	9.4	5.9 - 12.9	10.3	6.6 - 14.0	11.1	7.0 - 15.2
BASO%	4.7	3.8 - 5.6	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	10.1	8.2 - 12.0	11.1	9.2 - 13.0	11.6	9.7 - 13.5
NRBC% (/100 WBC)	4.6	2.5 - 6.7	6.2	4.5 - 7.9	6.4	5.2 - 7.6
RET%	4.87	3.94 - 5.80	2.09	1.65 - 2.53	0.86	0.54 - 1.18
RET# (10 ⁶ /μL)	0.1140	0.0889 - 0.1391	0.0909	0.0736 - 0.1082	0.0446	0.0312 - 0.0580
IRF (%)	52.8	2.1 - 103.5	53.6	5.4 - 101.8	37.4	5.2 - 69.6
RET-He (pg)	25.4	21.8 - 29.0	26.2	22.8 - 29.6	27.9	23.7 - 32.1