



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:	91481101	91481102	91481103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.35	2.23 - 2.47	4.28	4.11 - 4.45	5.17	4.96 - 5.38
HGB (g/dL)	5.9	5.6 - 6.2	11.7	11.2 - 12.2	15.4	14.8 - 16.0
HCT (%)	17.6	16.4 - 18.8	34.5	32.4 - 36.6	44.6	41.9 - 47.3
MCV (fL)	74.9	70.4 - 79.4	80.6	75.8 - 85.4	86.3	81.1 - 91.5
MCH (pg)	25.1	23.1 - 27.1	27.3	25.4 - 29.2	29.8	28.0 - 31.6
MCHC (g/dL)	33.5	30.2 - 36.9	33.9	30.8 - 37.0	34.5	31.7 - 37.3
RDW-SD (fL)	47.9	45.0 - 50.8	47.3	44.5 - 50.1	50.1	46.1 - 54.1
RDW-CV (%)	17.8	16.7 - 18.9	16.5	15.5 - 17.5	16.3	15.0 - 17.6
PLT (10 ³ /μL)	87	54 - 120	246	219 - 273	544	495 - 593
PLT-F (10 ³ /μL)	78	57 - 99	258	188 - 328	528	407 - 649
IPF %	18.9	16.4 - 21.4	20.3	16.2 - 24.4	19.9	15.7 - 24.1
IPF#	14.8	12.9 - 16.7	49.0	39.2 - 58.8	105.8	83.6 - 128.0
MPV (fL)	8.8	7.4 - 10.2	9.2	8.6 - 9.8	9.0	8.6 - 9.5
WBC (10 ³ /μL)	2.82	2.54 - 3.10	7.02	6.53 - 7.51	16.16	15.19 - 17.13
NEUT# (10 ³ /μL)	1.09	0.89 - 1.29	3.05	2.62 - 3.48	7.75	6.74 - 8.76
LYMPH# (10 ³ /μL)	1.00	0.73 - 1.27	2.15	1.63 - 2.67	4.08	3.02 - 5.14
MONO# (10 ³ /μL)	0.42	0.18 - 0.66	0.94	0.47 - 1.41	2.04	1.12 - 2.96
EO# (10 ³ /μL)	0.26	0.16 - 0.36	0.73	0.46 - 1.00	1.79	1.11 - 2.47
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.35	0.29 - 0.41	0.79	0.69 - 0.89
IG # (10 ³ /μL)	0.28	0.22 - 0.34	0.78	0.63 - 0.93	1.94	1.59 - 2.29
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.43	0.31 - 0.55	1.02	0.82 - 1.22
NEUT%	37.4	32.2 - 42.6	42.2	37.6 - 46.8	47.1	42.4 - 51.8
LYMPH%	34.2	25.7 - 42.8	29.8	23.2 - 36.4	24.8	18.6 - 31.0
MONO%	14.6	6.7 - 22.5	13.0	6.8 - 19.2	12.4	6.9 - 17.9
EO%	9.1	5.7 - 12.5	10.1	6.5 - 13.7	10.9	6.9 - 14.9
BASO%	4.7	3.8 - 5.6	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.6	7.8 - 11.4	10.8	9.0 - 12.6	11.8	9.9 - 13.7
NRBC% (/100 WBC)	4.8	2.6 - 7.0	5.9	4.2 - 7.6	6.2	5.0 - 7.4
RET%	4.92	3.99 - 5.85	1.90	1.50 - 2.30	0.77	0.49 - 1.05
RET# (10 ⁶ /μL)	0.1156	0.0902 - 0.1410	0.0813	0.0659 - 0.0967	0.0398	0.0279 - 0.0517
IRF (%)	49.3	2.0 - 96.6	48.7	4.9 - 92.5	33.3	4.7 - 61.9
RET-He (pg)	25.5	21.9 - 29.1	26.3	22.9 - 29.7	28.0	23.8 - 32.2