



XN CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-SERIES (XN-10, XN-20) ANALYZERS

Expiration Date:	2019-10-13	Quality Control Data Due Date #1:	2-Sep-19	Quality Control Data Due Date #2:	13-Oct-19	
Lot Number:	92071101	92071102	92071103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.31	2.19 - 2.43	4.40	4.22 - 4.58	5.26	5.05 - 5.47
HGB (g/dL)	5.8	5.5 - 6.1	11.9	11.4 - 12.4	15.6	15.0 - 16.2
HCT (%)	17.4	16.2 - 18.6	35.1	33.0 - 37.2	44.9	42.2 - 47.6
MCV (fL)	75.3	70.8 - 79.8	79.8	75.0 - 84.6	85.4	80.3 - 90.5
MCH (pg)	25.1	23.1 - 27.1	27.0	25.1 - 28.9	29.7	27.9 - 31.5
MCHC (g/dL)	33.3	30.0 - 36.6	33.9	30.8 - 37.0	34.7	31.9 - 37.5
RDW-SD (fL)	49.0	46.1 - 51.9	47.9	45.0 - 50.8	48.6	44.7 - 52.5
RDW-CV (%)	18.2	17.1 - 19.3	16.9	15.9 - 17.9	16.1	14.8 - 17.4
PLT (10 ³ /μL)	86	53 - 119	243	216 - 270	551	501 - 601
PLT-F (10 ³ /μL)	77	56 - 98	253	185 - 321	531	409 - 653
IPF %	19.2	16.7 - 21.7	19.7	15.8 - 23.6	20.5	16.2 - 24.8
IPF#	14.9	13.0 - 16.8	47.6	38.1 - 57.1	105.9	83.7 - 128.1
MPV (fL)	8.8	7.4 - 10.2	9.5	8.8 - 10.2	9.4	8.9 - 9.9
WBC (10 ³ /μL)	2.96	2.66 - 3.26	6.58	6.12 - 7.04	15.79	14.84 - 16.74
NEUT# (10 ³ /μL)	1.14	0.93 - 1.35	2.90	2.49 - 3.31	7.60	6.61 - 8.59
LYMPH# (10 ³ /μL)	1.04	0.76 - 1.32	2.03	1.54 - 2.52	4.12	3.05 - 5.19
MONO# (10 ³ /μL)	0.44	0.19 - 0.69	0.85	0.43 - 1.28	2.05	1.13 - 2.97
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.67	0.42 - 0.92	1.71	1.06 - 2.36
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.78	0.68 - 0.88
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.74	0.60 - 0.88	1.90	1.56 - 2.24
NRBC# (10 ³ /μL)	0.13	0.07 - 0.19	0.41	0.30 - 0.52	1.09	0.87 - 1.31
NEUT%	37.5	32.3 - 42.8	42.7	38.0 - 47.4	46.8	42.1 - 51.5
LYMPH%	34.2	25.7 - 42.8	29.9	23.3 - 36.5	25.4	19.1 - 31.8
MONO%	14.5	6.7 - 22.3	12.6	6.6 - 18.6	12.6	7.1 - 18.1
EO%	9.1	5.7 - 12.5	9.9	6.3 - 13.5	10.5	6.6 - 14.4
BASO%	4.7	3.8 - 5.6	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.7	7.9 - 11.5	10.9	9.0 - 12.8	11.7	9.8 - 13.6
NRBC% (/100 WBC)	4.4	2.4 - 6.4	6.1	4.4 - 7.8	6.7	5.4 - 8.0
RET%	5.37	4.35 - 6.39	1.81	1.43 - 2.19	0.88	0.55 - 1.21
RET# (10 ⁶ /μL)	0.1240	0.0967 - 0.1513	0.0796	0.0645 - 0.0947	0.0463	0.0324 - 0.0602
IRF (%)	50.9	2.0 - 99.8	50.9	5.1 - 96.7	38.0	5.3 - 70.7
RET-He (pg)	24.9	21.4 - 28.4	25.8	22.4 - 29.2	27.3	23.2 - 31.4