



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:	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)	2.30	2.19 - 2.42	4.31	4.14 - 4.48	5.25	5.04 - 5.46
HGB (g/dL)	5.7	5.4 - 6.0	11.8	11.3 - 12.3	15.6	15.0 - 16.2
HCT (%)	17.3	16.1 - 18.5	34.7	32.6 - 36.8	45.1	42.4 - 47.8
MCV (fL)	75.2	70.7 - 79.7	80.5	75.7 - 85.3	85.9	80.7 - 91.1
MCH (pg)	24.8	22.8 - 26.8	27.4	25.5 - 29.3	29.7	27.9 - 31.5
MCHC (g/dL)	32.9	29.6 - 36.2	34.0	30.9 - 37.1	34.6	31.8 - 37.4
RDW-SD (fL)	46.9	44.1 - 49.7	47.6	44.7 - 50.5	46.6	42.9 - 50.3
RDW-CV (%)	17.4	16.4 - 18.4	16.6	15.6 - 17.6	15.2	14.0 - 16.4
PLT (10 ³ /μL)	86	53 - 119	235	209 - 261	561	511 - 611
PLT-F (10 ³ /μL)	78	57 - 99	251	183 - 319	543	418 - 668
IPF %	19.1	16.6 - 21.6	20.5	16.4 - 24.6	20.0	15.8 - 24.2
IPF#	14.8	12.9 - 16.7	49.0	39.2 - 58.8	105.8	83.6 - 128.0
MPV (fL)	8.7	7.3 - 10.1	9.5	8.8 - 10.2	9.3	8.8 - 9.8
WBC (10 ³ /μL)	2.92	2.63 - 3.21	6.84	6.36 - 7.32	16.19	15.22 - 17.16
NEUT# (10 ³ /μL)	1.14	0.93 - 1.35	2.95	2.54 - 3.36	7.69	6.69 - 8.69
LYMPH# (10 ³ /μL)	1.00	0.73 - 1.27	2.11	1.60 - 2.62	4.24	3.14 - 5.34
MONO# (10 ³ /μL)	0.41	0.18 - 0.64	0.93	0.47 - 1.40	1.97	1.08 - 2.86
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.70	0.44 - 0.96	1.87	1.16 - 2.58
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.34	0.29 - 0.39	0.80	0.70 - 0.90
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.75	0.61 - 0.89	1.94	1.59 - 2.29
NRBC# (10 ³ /μL)	0.15	0.09 - 0.21	0.40	0.29 - 0.51	1.13	0.90 - 1.36
NEUT%	38.5	33.1 - 43.9	42.0	37.4 - 46.6	46.4	41.8 - 51.0
LYMPH%	33.8	25.4 - 42.3	30.0	23.4 - 36.6	25.6	19.2 - 32.0
MONO%	13.7	6.3 - 21.1	13.2	6.9 - 19.5	11.9	6.7 - 17.1
EO%	9.3	5.9 - 12.7	10.0	6.4 - 13.6	11.3	7.1 - 15.5
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	11.7	9.8 - 13.6
NRBC% (/100 WBC)	5.1	2.8 - 7.4	5.7	4.1 - 7.3	6.8	5.5 - 8.1
RET%	5.15	4.17 - 6.13	1.96	1.55 - 2.37	1.03	0.65 - 1.41
RET# (10 ⁶ /μL)	0.1185	0.0924 - 0.1446	0.0845	0.0684 - 0.1006	0.0541	0.0379 - 0.0703
IRF (%)	51.8	2.1 - 101.5	50.0	5.0 - 95.0	38.5	5.4 - 71.6
RET-He (pg)	25.1	21.6 - 28.6	26.0	22.6 - 29.4	27.5	23.4 - 31.6