



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:	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)	2.34	2.22 - 2.46	4.29	4.12 - 4.46	5.21	5.00 - 5.42
HGB (g/dL)	5.76	5.47 - 6.05	11.65	11.18 - 12.12	15.47	14.85 - 16.09
HCT (%)	17.0	15.8 - 18.2	32.8	30.8 - 34.8	42.7	40.1 - 45.3
MCV (fL)	72.6	68.2 - 77.0	76.5	71.9 - 81.1	82.0	77.1 - 86.9
MCH (pg)	24.6	22.6 - 26.6	27.2	25.3 - 29.1	29.7	27.9 - 31.5
MCHC (g/dL)	33.9	30.5 - 37.3	35.5	32.3 - 38.7	36.2	33.3 - 39.1
RDW-SD (fL)	45.6	42.9 - 48.3	44.3	41.6 - 47.0	47.5	43.7 - 51.3
RDW-CV (%)	17.9	16.8 - 19.0	16.5	15.5 - 17.5	16.4	15.1 - 17.7
PLT (10 ³ /μL)	90	56 - 124	251	223 - 279	563	512 - 614
PLT-F (10 ³ /μL)	79	58 - 100	255	186 - 324	529	407 - 651
IPF %	19.2	16.7 - 21.7	20.0	16.0 - 24.0	19.5	15.4 - 23.6
IPF#	15.1	13.1 - 17.1	48.6	38.9 - 58.3	100.8	79.6 - 122.0
MPV (fL)	9.8	8.2 - 11.4	10.1	9.4 - 10.8	9.9	9.4 - 10.4
WBC (10 ³ /μL)	2.80	2.52 - 3.08	6.97	6.48 - 7.46	15.87	14.92 - 16.82
NEUT# (10 ³ /μL)	1.08	0.89 - 1.27	3.05	2.62 - 3.48	7.72	6.72 - 8.72
LYMPH# (10 ³ /μL)	0.99	0.72 - 1.26	2.18	1.66 - 2.70	3.97	2.94 - 5.00
MONO# (10 ³ /μL)	0.42	0.18 - 0.66	0.94	0.47 - 1.41	2.17	1.19 - 3.15
EO# (10 ³ /μL)	0.26	0.16 - 0.36	0.73	0.46 - 1.00	1.89	1.17 - 2.61
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	1.95	1.60 - 2.30
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.44	0.32 - 0.56	1.04	0.83 - 1.25
NEUT%	37.3	32.1 - 42.5	42.0	37.4 - 46.6	46.7	42.0 - 51.4
LYMPH%	34.3	25.7 - 42.9	30.1	23.5 - 36.7	24.0	18.0 - 30.0
MONO%	14.4	6.6 - 22.2	13.0	6.8 - 19.2	13.1	7.3 - 18.9
EO%	9.1	5.7 - 12.5	10.1	6.5 - 13.7	11.4	7.2 - 15.6
BASO%	4.8	3.9 - 5.7	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.6	7.8 - 11.4	10.7	8.9 - 12.5	11.8	9.9 - 13.7
NRBC% (/100 WBC)	4.7	2.5 - 6.9	6.0	4.3 - 7.7	6.3	5.1 - 7.5
RET%	4.15	3.36 - 4.94	1.68	1.33 - 2.03	0.74	0.47 - 1.01
RET# (10 ⁶ /μL)	0.0971	0.0757 - 0.1185	0.0721	0.0584 - 0.0858	0.0386	0.0270 - 0.0502
IRF (%)	53.4	2.1 - 104.7	49.7	5.0 - 94.4	32.2	4.5 - 59.9
RET-He (pg)	24.2	20.8 - 27.6	25.2	21.9 - 28.5	27.5	23.4 - 31.6