



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:	91501101	91501102	91501103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.33	2.21 - 2.45	4.40	4.22 - 4.58	5.45	5.23 - 5.67
HGB (g/dL)	5.75	5.46 - 6.04	11.87	11.40 - 12.34	16.45	15.79 - 17.11
HCT (%)	16.9	15.7 - 18.1	33.7	31.7 - 35.7	45.4	42.7 - 48.1
MCV (fL)	72.5	68.2 - 76.9	76.6	72.0 - 81.2	83.3	78.3 - 88.3
MCH (pg)	24.7	22.7 - 26.7	27.0	25.1 - 28.9	30.2	28.4 - 32.0
MCHC (g/dL)	34.0	30.6 - 37.4	35.2	32.0 - 38.4	36.2	33.3 - 39.1
RDW-SD (fL)	50.4	47.4 - 53.4	45.1	42.4 - 47.8	45.4	41.8 - 49.0
RDW-CV (%)	19.6	18.4 - 20.8	16.7	15.7 - 17.7	15.5	14.3 - 16.7
PLT (10 ³ /μL)	96	60 - 132	250	223 - 278	568	517 - 619
PLT-F (10 ³ /μL)	84	61 - 107	254	185 - 323	533	410 - 656
IPF %	19.2	16.7 - 21.7	20.4	16.3 - 24.5	20.3	16.0 - 24.6
IPF#	16.2	14.1 - 18.3	49.2	39.4 - 59.0	105.6	83.4 - 127.8
MPV (fL)	9.7	8.1 - 11.3	10.0	9.3 - 10.7	9.7	9.2 - 10.2
WBC (10 ³ /μL)	2.85	2.57 - 3.14	6.70	6.23 - 7.17	15.90	14.95 - 16.85
NEUT# (10 ³ /μL)	1.15	0.94 - 1.36	2.97	2.55 - 3.39	7.75	6.74 - 8.76
LYMPH# (10 ³ /μL)	0.98	0.72 - 1.24	2.04	1.55 - 2.53	4.00	2.96 - 5.04
MONO# (10 ³ /μL)	0.40	0.18 - 0.62	0.91	0.46 - 1.37	2.14	1.18 - 3.10
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.71	0.45 - 0.97	1.78	1.10 - 2.46
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)	0.30	0.24 - 0.36	0.76	0.62 - 0.90	1.96	1.61 - 2.31
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.42	0.31 - 0.53	1.10	0.88 - 1.32
NEUT%	39.0	33.5 - 44.5	42.6	37.9 - 47.3	47.1	42.4 - 51.8
LYMPH%	33.2	24.9 - 41.5	29.3	22.9 - 35.7	24.3	18.2 - 30.4
MONO%	13.7	6.3 - 21.1	13.1	6.8 - 19.4	13.0	7.3 - 18.7
EO%	9.4	5.9 - 12.9	10.2	6.5 - 13.9	10.8	6.8 - 14.8
BASO%	4.7	3.8 - 5.6	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	10.0	8.1 - 11.9	10.9	9.0 - 12.8	11.9	10.0 - 13.8
NRBC% (/100 WBC)	4.7	2.5 - 6.9	6.0	4.3 - 7.7	6.7	5.4 - 8.0
RET%	4.19	3.39 - 4.99	1.75	1.38 - 2.12	0.82	0.52 - 1.12
RET# (10 ⁶ /μL)	0.0976	0.0761 - 0.1191	0.0770	0.0624 - 0.0916	0.0447	0.0313 - 0.0581
IRF (%)	52.6	2.1 - 103.1	49.2	4.9 - 93.5	29.5	4.1 - 54.9
RET-He (pg)	24.2	20.8 - 27.6	25.1	21.8 - 28.4	28.0	23.8 - 32.2