



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:	92051101	92051102	92051103			
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	4.36	4.19 - 4.53	5.26	5.05 - 5.47
HGB (g/dL)	5.8	5.5 - 6.1	11.7	11.2 - 12.2	15.6	15.0 - 16.2
HCT (%)	17.6	16.4 - 18.8	34.6	32.5 - 36.7	44.8	42.1 - 47.5
MCV (fL)	75.2	70.7 - 79.7	79.4	74.6 - 84.2	85.2	80.1 - 90.3
MCH (pg)	24.8	22.8 - 26.8	26.8	24.9 - 28.7	29.7	27.9 - 31.5
MCHC (g/dL)	33.0	29.7 - 36.3	33.8	30.8 - 36.8	34.8	32.0 - 37.6
RDW-SD (fL)	47.2	44.4 - 50.0	46.7	43.9 - 49.5	53.8	49.5 - 58.1
RDW-CV (%)	17.7	16.6 - 18.8	16.5	15.5 - 17.5	18.0	16.6 - 19.4
PLT (10 ³ /μL)	85	53 - 117	241	214 - 268	550	501 - 600
PLT-F (10 ³ /μL)	78	57 - 99	250	183 - 318	536	413 - 659
IPF %	19.2	16.7 - 21.7	19.6	15.7 - 23.5	19.6	15.5 - 23.7
IPF#	15.0	13.1 - 17.0	46.6	37.3 - 55.9	102.4	80.9 - 123.9
MPV (fL)	8.7	7.3 - 10.1	9.5	8.8 - 10.2	9.3	8.8 - 9.8
WBC (10 ³ /μL)	2.94	2.65 - 3.23	6.66	6.19 - 7.13	15.72	14.78 - 16.66
NEUT# (10 ³ /μL)	1.11	0.91 - 1.31	2.87	2.47 - 3.27	7.44	6.47 - 8.41
LYMPH# (10 ³ /μL)	1.03	0.75 - 1.31	2.01	1.53 - 2.49	4.02	2.97 - 5.07
MONO# (10 ³ /μL)	0.42	0.18 - 0.66	0.90	0.45 - 1.35	1.98	1.09 - 2.87
EO# (10 ³ /μL)	0.27	0.17 - 0.37	0.70	0.44 - 0.96	1.85	1.15 - 2.55
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.77	0.67 - 0.87
IG # (10 ³ /μL)	0.28	0.22 - 0.34	0.74	0.60 - 0.88	1.88	1.54 - 2.22
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.44	0.32 - 0.56	1.08	0.86 - 1.30
NEUT%	37.3	32.1 - 42.5	42.2	37.6 - 46.8	46.3	41.7 - 50.9
LYMPH%	34.5	25.9 - 43.1	29.5	23.0 - 36.0	25.0	18.8 - 31.3
MONO%	14.1	6.5 - 21.7	13.2	6.9 - 19.5	12.3	6.9 - 17.7
EO%	9.2	5.8 - 12.6	10.3	6.6 - 14.0	11.5	7.2 - 15.8
BASO%	4.8	3.9 - 5.7	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.5	7.7 - 11.3	10.8	9.0 - 12.6	11.7	9.8 - 13.6
NRBC% (/100 WBC)	4.8	2.6 - 7.0	6.5	4.7 - 8.3	6.7	5.4 - 8.0
RET%	5.43	4.40 - 6.46	1.65	1.30 - 2.00	0.77	0.49 - 1.05
RET# (10 ⁶ /μL)	0.1271	0.0991 - 0.1551	0.0719	0.0582 - 0.0856	0.0405	0.0284 - 0.0527
IRF (%)	47.3	1.9 - 92.7	46.9	4.7 - 89.1	32.7	4.6 - 60.8
RET-He (pg)	25.0	21.5 - 28.5	25.9	22.5 - 29.3	27.7	23.5 - 31.9