



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
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Lot Number:	91511101	91511102	91511103
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Control:	L1:Level 1	L2:Level 2	L3:Level 3
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PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.34	2.22 - 2.46	4.38	4.20 - 4.56	5.43	5.21 - 5.65
HGB (g/dL)	5.8	5.5 - 6.1	11.9	11.4 - 12.4	16.5	15.8 - 17.2
HCT (%)	17.6	16.4 - 18.8	35.1	33.0 - 37.2	47.1	44.3 - 49.9
MCV (fL)	75.2	70.7 - 79.7	80.1	75.3 - 84.9	86.7	81.5 - 91.9
MCH (pg)	24.8	22.8 - 26.8	27.2	25.3 - 29.1	30.4	28.6 - 32.2
MCHC (g/dL)	33.0	29.7 - 36.3	33.9	30.8 - 37.0	35.0	32.2 - 37.8
RDW-SD (fL)	52.4	49.3 - 55.5	47.7	44.8 - 50.6	47.2	43.4 - 51.0
RDW-CV (%)	19.5	18.3 - 20.7	16.7	15.7 - 17.7	15.3	14.1 - 16.5
PLT (10 ³ /μL)	92	57 - 127	242	215 - 269	549	500 - 598
PLT-F (10 ³ /μL)	83	61 - 105	257	188 - 326	533	410 - 656
IPF %	19.2	16.7 - 21.7	19.8	15.8 - 23.8	19.8	15.6 - 24.0
IPF#	16.0	13.9 - 18.1	48.4	38.7 - 58.1	103.1	81.4 - 124.8
MPV (fL)	8.8	7.4 - 10.2	9.0	8.4 - 9.6	8.8	8.4 - 9.2
WBC (10 ³ /μL)	2.86	2.57 - 3.15	6.75	6.28 - 7.22	16.12	15.15 - 17.09
NEUT# (10 ³ /μL)	1.13	0.93 - 1.33	2.97	2.55 - 3.39	7.76	6.75 - 8.77
LYMPH# (10 ³ /μL)	0.97	0.71 - 1.23	2.07	1.57 - 2.57	4.03	2.98 - 5.08
MONO# (10 ³ /μL)	0.41	0.18 - 0.64	0.88	0.44 - 1.32	2.09	1.15 - 3.03
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.69	0.43 - 0.95	1.78	1.10 - 2.46
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.34	0.29 - 0.39	0.81	0.70 - 0.92
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.76	0.62 - 0.90	1.96	1.61 - 2.31
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.40	0.29 - 0.51	1.09	0.87 - 1.31
NEUT%	38.6	33.2 - 44.0	42.8	38.1 - 47.5	47.2	42.5 - 51.9
LYMPH%	33.1	24.8 - 41.4	29.8	23.2 - 36.4	24.5	18.4 - 30.6
MONO%	14.0	6.4 - 21.6	12.6	6.6 - 18.6	12.7	7.1 - 18.3
EO%	9.5	6.0 - 13.0	9.9	6.3 - 13.5	10.8	6.8 - 14.8
BASO%	4.8	3.9 - 5.7	4.9	4.3 - 5.5	4.9	4.3 - 5.5
IG %	9.8	7.9 - 11.7	10.9	9.0 - 12.8	11.9	10.0 - 13.8
NRBC% (/100 WBC)	4.6	2.5 - 6.7	5.8	4.2 - 7.4	6.6	5.3 - 7.9
RET%	4.83	3.91 - 5.75	2.01	1.59 - 2.43	0.88	0.55 - 1.21
RET# (10 ⁶ /μL)	0.1130	0.0881 - 0.1379	0.0880	0.0713 - 0.1047	0.0478	0.0335 - 0.0621
IRF (%)	45.6	1.8 - 89.4	46.5	4.7 - 88.4	30.8	4.3 - 57.3
RET-He (pg)	25.4	21.8 - 29.0	26.1	22.7 - 29.5	28.5	24.2 - 32.8