



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
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Lot Number:	92041101	92041102	92041103
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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)	2.32	2.20 - 2.44	4.40	4.22 - 4.58	5.27	5.06 - 5.48
HGB (g/dL)	5.8	5.5 - 6.1	12.1	11.6 - 12.6	15.4	14.8 - 16.0
HCT (%)	17.4	16.2 - 18.6	35.4	33.3 - 37.5	44.4	41.7 - 47.1
MCV (fL)	75.0	70.5 - 79.5	80.5	75.7 - 85.3	84.3	79.2 - 89.4
MCH (pg)	25.0	23.0 - 27.0	27.5	25.6 - 29.4	29.2	27.4 - 31.0
MCHC (g/dL)	33.3	30.0 - 36.6	34.2	31.1 - 37.3	34.7	31.9 - 37.5
RDW-SD (fL)	49.2	46.2 - 52.2	47.3	44.5 - 50.1	50.3	46.3 - 54.3
RDW-CV (%)	18.4	17.3 - 19.5	16.5	15.5 - 17.5	16.9	15.5 - 18.3
PLT (10 ³ /μL)	90	56 - 124	244	217 - 271	538	490 - 586
PLT-F (10 ³ /μL)	81	59 - 103	252	184 - 320	521	401 - 641
IPF %	19.0	16.5 - 21.5	20.0	16.0 - 24.0	20.0	15.8 - 24.2
IPF#	15.4	13.4 - 17.4	48.1	38.5 - 57.7	101.6	80.3 - 122.9
MPV (fL)	8.8	7.4 - 10.2	9.7	9.0 - 10.4	9.6	9.1 - 10.1
WBC (10 ³ /μL)	2.95	2.66 - 3.25	6.85	6.37 - 7.33	15.92	14.96 - 16.88
NEUT# (10 ³ /μL)	1.14	0.93 - 1.35	3.00	2.58 - 3.42	7.63	6.64 - 8.62
LYMPH# (10 ³ /μL)	1.01	0.74 - 1.28	2.07	1.57 - 2.57	4.18	3.09 - 5.27
MONO# (10 ³ /μL)	0.44	0.19 - 0.69	0.95	0.48 - 1.43	1.85	1.02 - 2.68
EO# (10 ³ /μL)	0.28	0.17 - 0.39	0.71	0.45 - 0.97	1.84	1.14 - 2.54
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.35	0.29 - 0.41	0.80	0.70 - 0.90
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.76	0.62 - 0.90	1.94	1.59 - 2.29
NRBC# (10 ³ /μL)	0.15	0.09 - 0.21	0.44	0.32 - 0.56	1.07	0.86 - 1.28
NEUT%	37.8	32.5 - 43.1	42.4	37.7 - 47.1	46.9	42.2 - 51.6
LYMPH%	33.5	25.1 - 41.9	29.3	22.9 - 35.7	25.7	19.3 - 32.1
MONO%	14.6	6.7 - 22.5	13.4	7.0 - 19.8	11.4	6.4 - 16.4
EO%	9.3	5.9 - 12.7	10.1	6.5 - 13.7	11.3	7.1 - 15.5
BASO%	4.8	3.9 - 5.7	4.9	4.3 - 5.5	4.9	4.3 - 5.5
IG %	9.7	7.9 - 11.5	10.8	9.0 - 12.6	11.9	10.0 - 13.8
NRBC% (/100 WBC)	4.9	2.6 - 7.2	6.2	4.5 - 7.9	6.6	5.3 - 7.9
RET%	4.81	3.90 - 5.72	1.86	1.47 - 2.25	0.75	0.47 - 1.03
RET# (10 ⁶ /μL)	0.1116	0.0870 - 0.1362	0.0818	0.0663 - 0.0973	0.0395	0.0277 - 0.0514
IRF (%)	50.6	2.0 - 99.2	49.9	5.0 - 94.8	36.7	5.1 - 68.3
RET-He (pg)	24.4	21.0 - 27.8	25.6	22.3 - 28.9	27.5	23.4 - 31.6