



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:	92031101	92031102	92031103
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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	4.39	4.21 - 4.57	5.30	5.09 - 5.51
HGB (g/dL)	5.8	5.5 - 6.1	11.9	11.4 - 12.4	15.6	15.0 - 16.2
HCT (%)	17.6	16.4 - 18.8	35.3	33.2 - 37.4	45.4	42.7 - 48.1
MCV (fL)	75.9	71.3 - 80.5	80.4	75.6 - 85.2	85.7	80.6 - 90.8
MCH (pg)	25.0	23.0 - 27.0	27.1	25.2 - 29.0	29.4	27.6 - 31.2
MCHC (g/dL)	33.0	29.7 - 36.3	33.7	30.7 - 36.7	34.4	31.6 - 37.2
RDW-SD (fL)	49.1	46.2 - 52.0	48.7	45.8 - 51.6	54.3	50.0 - 58.6
RDW-CV (%)	18.2	17.1 - 19.3	17.0	16.0 - 18.0	18.0	16.6 - 19.4
PLT (10 ³ /μL)	87	54 - 120	242	215 - 269	557	507 - 607
PLT-F (10 ³ /μL)	78	57 - 99	255	186 - 324	540	416 - 664
IPF %	19.1	16.6 - 21.6	20.3	16.2 - 24.4	19.8	15.6 - 24.0
IPF#	14.8	12.9 - 16.7	49.4	39.5 - 59.3	104.4	82.5 - 126.3
MPV (fL)	8.9	7.5 - 10.3	9.7	9.0 - 10.4	9.5	9.0 - 10.0
WBC (10 ³ /μL)	2.90	2.61 - 3.19	6.67	6.20 - 7.14	15.95	14.99 - 16.91
NEUT# (10 ³ /μL)	1.11	0.91 - 1.31	2.87	2.47 - 3.27	7.54	6.56 - 8.52
LYMPH# (10 ³ /μL)	1.00	0.73 - 1.27	2.01	1.53 - 2.49	4.07	3.01 - 5.13
MONO# (10 ³ /μL)	0.45	0.20 - 0.70	0.93	0.47 - 1.40	2.04	1.12 - 2.96
EO# (10 ³ /μL)	0.27	0.17 - 0.37	0.69	0.43 - 0.95	1.86	1.15 - 2.57
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.80	0.70 - 0.90
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.73	0.59 - 0.87	1.89	1.55 - 2.23
NRBC# (10 ³ /μL)	0.16	0.09 - 0.23	0.42	0.31 - 0.53	1.07	0.86 - 1.28
NEUT%	37.3	32.1 - 42.5	42.0	37.4 - 46.6	46.3	41.7 - 50.9
LYMPH%	33.8	25.4 - 42.3	29.4	22.9 - 35.9	25.0	18.8 - 31.3
MONO%	15.0	6.9 - 23.1	13.6	7.1 - 20.1	12.5	7.0 - 18.0
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	4.9	4.3 - 5.5
IG %	9.6	7.8 - 11.4	10.7	8.9 - 12.5	11.6	9.7 - 13.5
NRBC% (/100 WBC)	5.3	2.9 - 7.7	6.1	4.4 - 7.8	6.6	5.3 - 7.9
RET%	5.29	4.28 - 6.30	1.76	1.39 - 2.13	0.71	0.45 - 0.97
RET# (10 ⁶ /μL)	0.1227	0.0957 - 0.1497	0.0773	0.0626 - 0.0920	0.0376	0.0263 - 0.0489
IRF (%)	54.3	2.2 - 106.4	53.8	5.4 - 102.2	30.6	4.3 - 56.9
RET-He (pg)	24.6	21.2 - 28.0	25.8	22.4 - 29.2	27.5	23.4 - 31.6