



XN CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-SERIES (XN-11, XN-21) 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)	2.30	2.19 - 2.42	4.39	4.21 - 4.57	5.31	5.10 - 5.52
HGB (g/dL)	5.77	5.48 - 6.06	11.94	11.46 - 12.42	15.66	15.03 - 16.29
HCT (%)	16.7	15.5 - 17.9	33.6	31.6 - 35.6	43.2	40.6 - 45.8
MCV (fL)	72.6	68.2 - 77.0	76.5	71.9 - 81.1	81.4	76.5 - 86.3
MCH (pg)	25.1	23.1 - 27.1	27.2	25.3 - 29.1	29.5	27.7 - 31.3
MCHC (g/dL)	34.6	31.1 - 38.1	35.5	32.3 - 38.7	36.3	33.4 - 39.2
RDW-SD (fL)	46.4	43.6 - 49.2	46.3	43.5 - 49.1	51.6	47.5 - 55.7
RDW-CV (%)	18.2	17.1 - 19.3	17.1	16.1 - 18.1	18.1	16.7 - 19.5
PLT (10 ³ /μL)	92	57 - 127	252	224 - 280	579	527 - 631
PLT-F (10 ³ /μL)	79	58 - 100	251	183 - 319	539	415 - 663
IPF %	19.2	16.7 - 21.7	20.2	16.2 - 24.2	19.8	15.6 - 24.0
IPF#	15.2	13.2 - 17.2	48.3	38.6 - 58.0	104.2	82.3 - 126.1
MPV (fL)	9.8	8.2 - 11.4	10.6	9.9 - 11.3	10.5	10.0 - 11.0
WBC (10 ³ /μL)	2.85	2.57 - 3.14	6.59	6.13 - 7.05	15.78	14.83 - 16.73
NEUT# (10 ³ /μL)	1.10	0.90 - 1.30	2.86	2.46 - 3.26	7.56	6.58 - 8.54
LYMPH# (10 ³ /μL)	1.01	0.74 - 1.28	2.01	1.53 - 2.49	3.96	2.93 - 4.99
MONO# (10 ³ /μL)	0.43	0.19 - 0.67	0.94	0.47 - 1.41	2.13	1.17 - 3.09
EO# (10 ³ /μL)	0.26	0.16 - 0.36	0.68	0.43 - 0.93	1.80	1.12 - 2.48
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.78	0.68 - 0.88
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.73	0.59 - 0.87	1.88	1.54 - 2.22
NRBC# (10 ³ /μL)	0.16	0.09 - 0.23	0.42	0.31 - 0.53	1.09	0.87 - 1.31
NEUT%	37.5	32.3 - 42.8	42.0	37.4 - 46.6	46.6	41.9 - 51.3
LYMPH%	34.3	25.7 - 42.9	29.4	22.9 - 35.9	24.4	18.3 - 30.5
MONO%	14.5	6.7 - 22.3	13.8	7.2 - 20.4	13.1	7.3 - 18.9
EO%	9.0	5.7 - 12.3	10.0	6.4 - 13.6	11.1	7.0 - 15.2
BASO%	4.8	3.9 - 5.7	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.7	7.9 - 11.5	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	6.7	5.4 - 8.0
RET%	4.56	3.69 - 5.43	1.57	1.24 - 1.90	0.71	0.45 - 0.97
RET# (10 ⁶ /μL)	0.1049	0.0818 - 0.1280	0.0689	0.0558 - 0.0820	0.0377	0.0264 - 0.0490
IRF (%)	56.7	2.3 - 111.1	52.6	5.3 - 99.9	27.5	3.9 - 51.2
RET-He (pg)	23.1	19.9 - 26.3	24.6	21.4 - 27.8	26.8	22.8 - 30.8