



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	
Lot Number:	92071101	92071102	92071103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.31	2.19 - 2.43	4.39	4.21 - 4.57	5.27	5.06 - 5.48
HGB (g/dL)	5.76	5.47 - 6.05	11.88	11.40 - 12.36	15.62	15.00 - 16.24
HCT (%)	16.8	15.6 - 18.0	33.3	31.3 - 35.3	43.0	40.4 - 45.6
MCV (fL)	72.7	68.3 - 77.1	75.9	71.3 - 80.5	81.6	76.7 - 86.5
MCH (pg)	24.9	22.9 - 26.9	27.1	25.2 - 29.0	29.6	27.8 - 31.4
MCHC (g/dL)	34.3	30.9 - 37.7	35.7	32.5 - 38.9	36.3	33.4 - 39.2
RDW-SD (fL)	46.6	43.8 - 49.4	45.4	42.7 - 48.1	47.0	43.2 - 50.8
RDW-CV (%)	18.2	17.1 - 19.3	16.9	15.9 - 17.9	16.5	15.2 - 17.8
PLT (10 ³ /μL)	91	56 - 126	252	224 - 280	573	521 - 625
PLT-F (10 ³ /μL)	78	57 - 99	252	184 - 320	532	410 - 654
IPF %	19.3	16.8 - 21.8	19.8	15.8 - 23.8	20.3	16.0 - 24.6
IPF#	15.1	13.1 - 17.1	47.6	38.1 - 57.1	105.2	83.1 - 127.3
MPV (fL)	9.7	8.1 - 11.3	10.5	9.8 - 11.2	10.4	9.9 - 10.9
WBC (10 ³ /μL)	2.97	2.67 - 3.27	6.54	6.08 - 7.00	15.76	14.81 - 16.71
NEUT# (10 ³ /μL)	1.12	0.92 - 1.32	2.86	2.46 - 3.26	7.51	6.53 - 8.49
LYMPH# (10 ³ /μL)	1.05	0.77 - 1.33	2.02	1.54 - 2.50	4.07	3.01 - 5.13
MONO# (10 ³ /μL)	0.43	0.19 - 0.67	0.87	0.44 - 1.31	2.08	1.14 - 3.02
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)	0.15	0.11 - 0.19	0.32	0.27 - 0.37	0.78	0.68 - 0.88
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.72	0.58 - 0.86	1.90	1.56 - 2.24
NRBC# (10 ³ /μL)	0.14	0.08 - 0.20	0.41	0.30 - 0.52	1.10	0.88 - 1.32
NEUT%	37.1	31.9 - 42.3	42.3	37.6 - 47.0	46.3	41.7 - 50.9
LYMPH%	34.8	26.1 - 43.5	29.9	23.3 - 36.5	25.1	18.8 - 31.4
MONO%	14.2	6.5 - 21.9	12.9	6.7 - 19.1	12.8	7.2 - 18.4
EO%	9.2	5.8 - 12.6	10.2	6.5 - 13.9	11.0	6.9 - 15.1
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	10.7	8.9 - 12.5	11.7	9.8 - 13.6
NRBC% (/100 WBC)	4.5	2.4 - 6.6	6.0	4.3 - 7.7	6.8	5.5 - 8.1
RET%	4.56	3.69 - 5.43	1.59	1.26 - 1.92	0.84	0.53 - 1.15
RET# (10 ⁶ /μL)	0.1053	0.0821 - 0.1285	0.0698	0.0565 - 0.0831	0.0443	0.0310 - 0.0576
IRF (%)	55.6	2.2 - 109.0	51.9	5.2 - 98.6	35.1	4.9 - 65.3
RET-He (pg)	23.6	20.3 - 26.9	24.8	21.6 - 28.0	27.0	23.0 - 31.1