



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:	92051101	92051102	92051103			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.33	2.21 - 2.45	4.36	4.19 - 4.53	5.28	5.07 - 5.49
HGB (g/dL)	5.77	5.48 - 6.06	11.76	11.29 - 12.23	15.63	15.00 - 16.26
HCT (%)	16.9	15.7 - 18.1	33.0	31.0 - 35.0	42.9	40.3 - 45.5
MCV (fL)	72.5	68.2 - 76.9	75.7	71.2 - 80.2	81.3	76.4 - 86.2
MCH (pg)	24.8	22.8 - 26.8	27.0	25.1 - 28.9	29.6	27.8 - 31.4
MCHC (g/dL)	34.1	30.7 - 37.5	35.6	32.4 - 38.8	36.4	33.5 - 39.3
RDW-SD (fL)	44.9	42.2 - 47.6	44.3	41.6 - 47.0	51.1	47.0 - 55.2
RDW-CV (%)	17.7	16.6 - 18.8	16.5	15.5 - 17.5	18.4	16.9 - 19.9
PLT (10 ³ /μL)	90	56 - 124	252	224 - 280	573	521 - 625
PLT-F (10 ³ /μL)	78	57 - 99	247	180 - 314	535	412 - 658
IPF %	19.2	16.7 - 21.7	19.9	15.9 - 23.9	19.7	15.6 - 23.8
IPF#	15.1	13.1 - 17.1	47.0	37.6 - 56.4	102.8	81.2 - 124.4
MPV (fL)	9.6	8.1 - 11.1	10.4	9.7 - 11.1	10.3	9.8 - 10.8
WBC (10 ³ /μL)	2.89	2.60 - 3.18	6.59	6.13 - 7.05	15.61	14.67 - 16.55
NEUT# (10 ³ /μL)	1.13	0.93 - 1.33	2.89	2.49 - 3.29	7.55	6.57 - 8.53
LYMPH# (10 ³ /μL)	1.05	0.77 - 1.33	2.04	1.55 - 2.53	3.97	2.94 - 5.00
MONO# (10 ³ /μL)	0.43	0.19 - 0.67	0.89	0.45 - 1.34	2.08	1.14 - 3.02
EO# (10 ³ /μL)	0.27	0.17 - 0.37	0.68	0.43 - 0.93	1.76	1.09 - 2.43
BASO# (10 ³ /μL)	0.14	0.11 - 0.18	0.33	0.28 - 0.38	0.77	0.67 - 0.87
IG # (10 ³ /μL)	0.29	0.23 - 0.35	0.73	0.59 - 0.87	1.90	1.56 - 2.24
NRBC# (10 ³ /μL)	0.15	0.09 - 0.21	0.44	0.32 - 0.56	1.10	0.88 - 1.32
NEUT%	37.5	32.3 - 42.8	42.3	37.6 - 47.0	46.8	42.1 - 51.5
LYMPH%	34.7	26.0 - 43.4	29.8	23.2 - 36.4	24.6	18.5 - 30.8
MONO%	14.1	6.5 - 21.7	13.1	6.8 - 19.4	12.9	7.2 - 18.6
EO%	9.0	5.7 - 12.3	9.9	6.3 - 13.5	10.9	6.9 - 14.9
BASO%	4.7	3.8 - 5.6	4.8	4.2 - 5.4	4.8	4.2 - 5.4
IG %	9.6	7.8 - 11.4	10.7	8.9 - 12.5	11.8	9.9 - 13.7
NRBC% (/100 WBC)	5.0	2.7 - 7.3	6.5	4.7 - 8.3	6.8	5.5 - 8.1
RET%	4.66	3.77 - 5.55	1.45	1.15 - 1.75	0.76	0.48 - 1.04
RET# (10 ⁶ /μL)	0.1086	0.0847 - 0.1325	0.0632	0.0512 - 0.0752	0.0401	0.0281 - 0.0521
IRF (%)	51.6	2.1 - 101.1	47.6	4.8 - 90.4	30.1	4.2 - 56.0
RET-He (pg)	23.8	20.5 - 27.1	24.9	21.7 - 28.1	27.5	23.4 - 31.6