



XN-L CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-L ANALYZERS

Expiration Date: 2024-10-08	Insight Data Due Date #1: 03-Aug-2024	Insight Data Due Date #2: 05-Sep-2024	Insight Data Due Date #3: 08-Oct-2024			
Lot Number:	41811401	41811402	41811403			
Control:	L1:Level 1	L2:Level 2	L3:Level 3			
PARAMETERS	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE	MEAN	EXPECTED RANGE
RBC (10 ⁶ /μL)	2.28	2.16 - 2.39	4.31	4.14 - 4.48	5.19	4.98 - 5.40
HGB (g/dL)	5.4	5.1 - 5.6	12.2	11.8 - 12.7	16.3	15.7 - 17.0
HCT (%)	15.9	14.8 - 17.0	34.5	32.4 - 36.6	44.4	41.7 - 47.1
MCV (fL)	69.7	65.5 - 73.9	80.0	75.2 - 84.8	85.6	80.5 - 90.7
MCH (pg)	23.6	21.7 - 25.5	28.4	26.4 - 30.4	31.5	29.6 - 33.3
MCHC (g/dL)	33.9	30.5 - 37.3	35.5	32.3 - 38.7	36.8	33.8 - 39.7
RDW-SD (fL)	49.8	45.8 - 53.7	48.5	44.6 - 52.3	46.3	42.1 - 50.4
RDW-CV (%)	19.9	18.9 - 20.8	16.8	16.2 - 17.5	15.1	14.5 - 15.7
PLT (10 ³ /μL)	55	33 - 78	228	189 - 267	540	475 - 605
MPV (fL)	10.3	8.5 - 12.2	10.0	9.0 - 11.0	9.8	8.9 - 10.6
WBC (10 ³ /μL)	2.42	2.05 - 2.78	6.74	6.06 - 7.41	16.20	14.74 - 17.66
NEUT# (10 ³ /μL)	1.08	0.89 - 1.28	3.31	2.84 - 3.77	8.59	7.47 - 9.70
LYMPH# (10 ³ /μL)	0.73	0.53 - 0.92	1.62	1.23 - 2.00	3.04	2.25 - 3.83
MONO# (10 ³ /μL)	0.20	0.09 - 0.31	0.59	0.29 - 0.88	1.34	0.73 - 1.94
EO# (10 ³ /μL)	0.28	0.21 - 0.36	0.86	0.66 - 1.06	2.25	1.75 - 2.74
BASO# (10 ³ /μL)	0.14	0.09 - 0.19	0.43	0.31 - 0.55	1.13	0.84 - 1.41
IG # (10 ³ /μL)	0.29	0.19 - 0.39	0.89	0.62 - 1.15	2.32	1.58 - 3.06
NEUT%	44.5	38.2 - 50.7	48.6	43.3 - 54.0	52.6	47.3 - 57.8
LYMPH%	29.9	22.5 - 37.4	23.8	18.5 - 29.0	18.6	13.9 - 23.2
MONO%	8.1	3.7 - 12.5	8.7	4.5 - 12.8	8.2	4.6 - 11.8
EO%	11.7	8.8 - 14.6	12.7	9.7 - 15.6	13.8	11.0 - 16.5
BASO%	5.8	3.9 - 7.7	6.3	4.5 - 8.1	6.9	5.2 - 8.6
IG (%)	12.0	8.2 - 15.7	13.0	9.3 - 16.8	14.2	9.8 - 18.6
RET%	6.58	4.87 - 8.30	3.04	2.25 - 3.83	1.45	0.96 - 1.94
RET# (10 ⁶ /μL)	0.1498	0.1094 - 0.1903	0.1310	0.0983 - 0.1638	0.0751	0.0488 - 0.1014
IRF (%)	24.2	1.0 - 47.5	22.2	2.2 - 42.2	22.4	3.1 - 41.6
RET-He (pg)	22.7	18.6 - 26.8	23.3	19.3 - 27.2	24.1	19.5 - 28.6