



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: | 41801401 | 41801402 | 41801403 | | | |
| Control: | L1:Level 1 | L2:Level 2 | L3:Level 3 | | | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
| RBC (10 ⁶ /μL) | 2.35 | 2.24 - 2.47 | 4.40 | 4.22 - 4.57 | 5.44 | 5.22 - 5.66 |
| HGB (g/dL) | 5.5 | 5.2 - 5.8 | 12.4 | 11.9 - 12.9 | 16.5 | 15.8 - 17.1 |
| HCT (%) | 16.3 | 15.1 - 17.4 | 35.0 | 32.9 - 37.1 | 45.4 | 42.7 - 48.1 |
| MCV (fL) | 69.2 | 65.0 - 73.3 | 79.5 | 74.7 - 84.3 | 83.4 | 78.4 - 88.5 |
| MCH (pg) | 23.5 | 21.6 - 25.3 | 28.3 | 26.3 - 30.3 | 30.3 | 28.5 - 32.1 |
| MCHC (g/dL) | 33.9 | 30.5 - 37.3 | 35.6 | 32.4 - 38.8 | 36.3 | 33.4 - 39.2 |
| RDW-SD (fL) | 48.6 | 44.7 - 52.4 | 46.2 | 42.5 - 49.9 | 47.8 | 43.5 - 52.1 |
| RDW-CV (%) | 19.5 | 18.6 - 20.5 | 16.1 | 15.4 - 16.7 | 16.0 | 15.4 - 16.6 |
| PLT (10 ³ /μL) | 56 | 33 - 79 | 228 | 189 - 266 | 535 | 471 - 599 |
| MPV (fL) | 10.3 | 8.5 - 12.2 | 10.0 | 9.0 - 11.0 | 9.8 | 8.9 - 10.7 |
| WBC (10 ³ /μL) | 2.27 | 1.93 - 2.61 | 6.95 | 6.25 - 7.64 | 16.83 | 15.32 - 18.34 |
| NEUT# (10 ³ /μL) | 1.01 | 0.83 - 1.19 | 3.51 | 3.02 - 4.00 | 9.10 | 7.92 - 10.28 |
| LYMPH# (10 ³ /μL) | 0.68 | 0.49 - 0.86 | 1.57 | 1.19 - 1.95 | 2.90 | 2.15 - 3.66 |
| MONO# (10 ³ /μL) | 0.21 | 0.09 - 0.33 | 0.56 | 0.28 - 0.85 | 1.45 | 0.80 - 2.10 |
| EO# (10 ³ /μL) | 0.27 | 0.19 - 0.34 | 0.92 | 0.71 - 1.13 | 2.36 | 1.84 - 2.88 |
| BASO# (10 ³ /μL) | 0.13 | 0.09 - 0.18 | 0.45 | 0.33 - 0.58 | 1.19 | 0.89 - 1.49 |
| IG # (10 ³ /μL) | 0.27 | 0.18 - 0.36 | 0.95 | 0.67 - 1.24 | 2.46 | 1.67 - 3.25 |
| NEUT% | 43.9 | 37.8 - 50.1 | 50.0 | 44.5 - 55.5 | 53.5 | 48.2 - 58.9 |
| LYMPH% | 29.4 | 22.0 - 36.7 | 22.4 | 17.5 - 27.3 | 17.1 | 12.8 - 21.3 |
| MONO% | 9.3 | 4.3 - 14.3 | 8.0 | 4.2 - 11.9 | 8.5 | 4.8 - 12.3 |
| EO% | 11.6 | 8.7 - 14.5 | 13.1 | 10.1 - 16.1 | 13.9 | 11.1 - 16.7 |
| BASO% | 5.8 | 3.9 - 7.7 | 6.5 | 4.7 - 8.3 | 7.0 | 5.3 - 8.8 |
| IG (%) | 11.9 | 8.2 - 15.6 | 13.5 | 9.6 - 17.5 | 14.5 | 10.0 - 19.0 |
| RET% | 6.92 | 5.12 - 8.72 | 3.09 | 2.29 - 3.90 | 1.75 | 1.15 - 2.34 |
| RET# (10 ⁶ /μL) | 0.1629 | 0.1189 - 0.2069 | 0.1360 | 0.1020 - 0.1700 | 0.0950 | 0.0618 - 0.1283 |
| IRF (%) | 23.5 | 0.9 - 46.1 | 24.7 | 2.5 - 46.9 | 22.3 | 3.1 - 41.5 |
| RET-He (pg) | 21.7 | 17.8 - 25.6 | 22.4 | 18.6 - 26.2 | 23.0 | 18.6 - 27.3 |