



XN CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-L 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: | | 92061101 | | 92061102 | | 92061103 | | | |
| Control: | | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | | | |
| PARAMETERS | MEAN | EXPECTED RANGE | | MEAN | EXPECTED RANGE | | MEAN | EXPECTED RANGE | |
| RBC (10 ⁶ /μL) | 2.30 | 2.19 | - 2.42 | 4.41 | 4.23 | - 4.59 | 5.29 | 5.08 | - 5.50 |
| HGB (g/dL) | 5.8 | 5.5 | - 6.1 | 11.9 | 11.4 | - 12.4 | 15.6 | 15.0 | - 16.2 |
| HCT (%) | 17.3 | 16.1 | - 18.5 | 34.9 | 32.8 | - 37.0 | 44.8 | 42.1 | - 47.5 |
| MCV (fL) | 75.2 | 70.7 | - 79.7 | 79.1 | 74.4 | - 83.8 | 84.7 | 79.6 | - 89.8 |
| MCH (pg) | 25.2 | 23.2 | - 27.2 | 27.0 | 25.1 | - 28.9 | 29.5 | 27.7 | - 31.3 |
| MCHC (g/dL) | 33.5 | 30.2 | - 36.9 | 34.1 | 31.0 | - 37.2 | 34.8 | 32.0 | - 37.6 |
| RDW-SD (fL) | 48.5 | 45.6 | - 51.4 | 46.5 | 43.7 | - 49.3 | 46.8 | 43.1 | - 50.5 |
| RDW-CV (%) | 18.2 | 17.1 | - 19.3 | 16.5 | 15.5 | - 17.5 | 15.6 | 14.4 | - 16.8 |
| PLT (10 ³ /μL) | 90 | 56 | - 124 | 254 | 226 | - 282 | 574 | 522 | - 626 |
| MPV (fL) | 8.6 | 7.2 | - 10.0 | 9.3 | 8.6 | - 10.0 | 9.2 | 8.7 | - 9.7 |
| WBC (10 ³ /μL) | 3.19 | 2.87 | - 3.51 | 7.29 | 6.78 | - 7.80 | 17.52 | 16.47 | - 18.57 |
| NEUT# (10 ³ /μL) | 1.12 | 0.92 | - 1.32 | 2.87 | 2.47 | - 3.27 | 7.49 | 6.52 | - 8.46 |
| LYMPH# (10 ³ /μL) | 1.19 | 0.87 | - 1.51 | 2.28 | 1.73 | - 2.83 | 4.64 | 3.43 | - 5.85 |
| MONO# (10 ³ /μL) | 0.36 | 0.16 | - 0.56 | 0.72 | 0.36 | - 1.08 | 1.78 | 0.98 | - 2.58 |
| EO# (10 ³ /μL) | 0.27 | 0.17 | - 0.37 | 0.70 | 0.44 | - 0.96 | 1.73 | 1.07 | - 2.39 |
| BASO# (10 ³ /μL) | 0.15 | 0.11 | - 0.19 | 0.40 | 0.34 | - 0.46 | 1.00 | 0.87 | - 1.13 |
| IG # (10 ³ /μL) | 0.29 | 0.23 | - 0.35 | 0.74 | 0.60 | - 0.88 | 1.95 | 1.60 | - 2.30 |
| NEUT% | 36.3 | 31.2 | - 41.4 | 41.3 | 36.8 | - 45.8 | 45.0 | 40.5 | - 49.5 |
| LYMPH% | 38.5 | 28.9 | - 48.1 | 32.8 | 25.6 | - 40.0 | 27.9 | 20.9 | - 34.9 |
| MONO% | 11.6 | 5.3 | - 17.9 | 10.3 | 5.4 | - 15.2 | 10.7 | 6.0 | - 15.4 |
| EO% | 8.7 | 5.5 | - 11.9 | 10.0 | 6.4 | - 13.6 | 10.4 | 6.6 | - 14.2 |
| BASO% | 4.9 | 4.0 | - 5.8 | 5.7 | 5.0 | - 6.4 | 6.0 | 5.3 | - 6.7 |
| IG % | 9.5 | 7.7 | - 11.3 | 10.7 | 8.9 | - 12.5 | 11.7 | 9.8 | - 13.6 |
| RET% | 6.21 | 5.03 | - 7.39 | 2.00 | 1.58 | - 2.42 | 0.87 | 0.55 | - 1.19 |
| RET# (10 ⁶ /μL) | 0.1428 | 0.1114 | - 0.1742 | 0.0882 | 0.0714 | - 0.1050 | 0.0460 | 0.0322 | - 0.0598 |
| IRF (%) | 45.8 | 1.8 | - 89.8 | 45.4 | 4.5 | - 86.3 | 36.3 | 5.1 | - 67.5 |
| RET-He (pg) | 21.9 | 18.8 | - 25.0 | 22.7 | 19.7 | - 25.7 | 24.1 | 20.5 | - 27.7 |