



XN CHECK™

HEMATOLOGY CONTROL FOR SYSMEX XN-SERIES (XN-11, XN-21) ANALYZERS

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| Expiration Date: | 2019-10-13 | Quality Control Data Due Date #1: | 2-Sep-19 | Quality Control Data Due Date #2: | 13-Oct-19 |
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| Lot Number: | 92041101 | 92041102 | 92041103 |
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| Control: | L1:Level 1 | L2:Level 2 | L3:Level 3 |
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| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
|------------------------------|--------|-----------------|--------|-----------------|--------|-----------------|
| RBC (10 ⁶ /μL) | 2.30 | 2.19 - 2.42 | 4.39 | 4.21 - 4.57 | 5.28 | 5.07 - 5.49 |
| HGB (g/dL) | 5.75 | 5.46 - 6.04 | 12.10 | 11.62 - 12.58 | 15.46 | 14.84 - 16.08 |
| HCT (%) | 16.8 | 15.6 - 18.0 | 33.9 | 31.9 - 35.9 | 42.6 | 40.0 - 45.2 |
| MCV (fL) | 73.0 | 68.6 - 77.4 | 77.2 | 72.6 - 81.8 | 80.7 | 75.9 - 85.5 |
| MCH (pg) | 25.0 | 23.0 - 27.0 | 27.6 | 25.7 - 29.5 | 29.3 | 27.5 - 31.1 |
| MCHC (g/dL) | 34.2 | 30.8 - 37.6 | 35.7 | 32.5 - 38.9 | 36.3 | 33.4 - 39.2 |
| RDW-SD (fL) | 47.2 | 44.4 - 50.0 | 44.7 | 42.0 - 47.4 | 48.0 | 44.2 - 51.8 |
| RDW-CV (%) | 18.4 | 17.3 - 19.5 | 16.5 | 15.5 - 17.5 | 17.1 | 15.7 - 18.5 |
| PLT (10 ³ /μL) | 93 | 58 - 128 | 251 | 223 - 279 | 562 | 511 - 613 |
| PLT-F (10 ³ /μL) | 82 | 60 - 104 | 248 | 181 - 315 | 522 | 402 - 642 |
| IPF % | 19.2 | 16.7 - 21.7 | 19.9 | 15.9 - 23.9 | 19.9 | 15.7 - 24.1 |
| IPF# | 15.7 | 13.7 - 17.7 | 47.0 | 37.6 - 56.4 | 101.2 | 79.9 - 122.5 |
| MPV (fL) | 9.7 | 8.1 - 11.3 | 10.8 | 10.0 - 11.6 | 10.6 | 10.1 - 11.1 |
| WBC (10 ³ /μL) | 2.92 | 2.63 - 3.21 | 6.76 | 6.29 - 7.23 | 15.74 | 14.80 - 16.68 |
| NEUT# (10 ³ /μL) | 1.14 | 0.93 - 1.35 | 2.97 | 2.55 - 3.39 | 7.58 | 6.59 - 8.57 |
| LYMPH# (10 ³ /μL) | 1.01 | 0.74 - 1.28 | 2.03 | 1.54 - 2.52 | 4.09 | 3.03 - 5.15 |
| MONO# (10 ³ /μL) | 0.44 | 0.19 - 0.69 | 0.96 | 0.48 - 1.44 | 1.95 | 1.07 - 2.83 |
| EO# (10 ³ /μL) | 0.27 | 0.17 - 0.37 | 0.71 | 0.45 - 0.97 | 1.82 | 1.13 - 2.51 |
| BASO# (10 ³ /μL) | 0.14 | 0.11 - 0.18 | 0.34 | 0.29 - 0.39 | 0.78 | 0.68 - 0.88 |
| IG # (10 ³ /μL) | 0.29 | 0.23 - 0.35 | 0.76 | 0.62 - 0.90 | 1.92 | 1.57 - 2.27 |
| NRBC# (10 ³ /μL) | 0.15 | 0.09 - 0.21 | 0.43 | 0.31 - 0.55 | 1.06 | 0.85 - 1.27 |
| NEUT% | 37.8 | 32.5 - 43.1 | 42.3 | 37.6 - 47.0 | 46.7 | 42.0 - 51.4 |
| LYMPH% | 33.7 | 25.3 - 42.1 | 29.0 | 22.6 - 35.4 | 25.2 | 18.9 - 31.5 |
| MONO% | 14.7 | 6.8 - 22.6 | 13.7 | 7.1 - 20.3 | 12.0 | 6.7 - 17.3 |
| EO% | 9.1 | 5.7 - 12.5 | 10.1 | 6.5 - 13.7 | 11.2 | 7.1 - 15.3 |
| BASO% | 4.8 | 3.9 - 5.7 | 4.8 | 4.2 - 5.4 | 4.8 | 4.2 - 5.4 |
| IG % | 9.7 | 7.9 - 11.5 | 10.8 | 9.0 - 12.6 | 11.8 | 9.9 - 13.7 |
| NRBC% (/100 WBC) | 4.9 | 2.6 - 7.2 | 6.1 | 4.4 - 7.8 | 6.5 | 5.3 - 7.7 |
| RET% | 4.11 | 3.33 - 4.89 | 1.64 | 1.30 - 1.98 | 0.77 | 0.49 - 1.05 |
| RET# (10 ⁶ /μL) | 0.0945 | 0.0737 - 0.1153 | 0.0720 | 0.0583 - 0.0857 | 0.0407 | 0.0285 - 0.0529 |
| IRF (%) | 54.1 | 2.2 - 106.0 | 51.0 | 5.1 - 96.9 | 33.1 | 4.6 - 61.6 |
| RET-He (pg) | 23.1 | 19.9 - 26.3 | 24.6 | 21.4 - 27.8 | 27.1 | 23.0 - 31.2 |