



HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

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|-----------------------------|-------------------|-------------------------------------------------------|-------------------|-------------------------------------------------------|-------------------|-----------------------|
| Expiration Date: | 2010-02-21 | Quality Control Data Due Date #1: 15-Jan-10 | | Quality Control Data Due Date #2: 21-Feb-10 | | |
| Lot Number: | 93340804 | 93340805 | | 93340806 | | |
| Control: | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
| RBC (10 ¹² /L) | 2.24 | 2.15 - 2.33 | 4.34 | 4.21 - 4.47 | 5.24 | 5.08 - 5.40 |
| HGB (g/dL) | 5.6 | 5.4 - 5.8 | 12.2 | 11.8 - 12.6 | 16.0 | 15.5 - 16.5 |
| HCT (%) | 17.2 | 16.3 - 18.1 | 36.0 | 34.4 - 37.6 | 46.0 | 43.9 - 48.1 |
| MCV (fL) | 77.0 | 70.1 - 84.0 | 82.9 | 76.9 - 89.4 | 87.8 | 81.4 - 94.6 |
| MCH (pg) | 24.9 | 23.1 - 27.1 | 28.2 | 26.5 - 29.8 | 30.5 | 28.8 - 32.4 |
| MCHC (g/dL) | 32.3 | 29.8 - 35.6 | 34.0 | 31.5 - 36.6 | 34.8 | 32.3 - 37.5 |
| PLT (10 ⁹ /L) | 56 | 34 - 78 | 210 | 187 - 233 | 499 | 454 - 544 |
| RDW-SD (fL) | 45.2 | 40.7 - 49.7 | 45.3 | 40.8 - 49.8 | 44.7 | 40.2 - 49.2 |
| RDW-CV (%) | 16.5 | 14.9 - 18.2 | 15.4 | 13.9 - 16.9 | 14.7 | 13.2 - 16.2 |
| MPV (fL) | 9.0 | 8.3 - 9.7 | 9.3 | 8.7 - 9.9 | 9.5 | 8.9 - 10.1 |
| WBC-C (10 ⁹ /L) | 3.03 | 2.73 - 3.33 | 7.03 | 6.61 - 7.45 | 17.08 | 16.06 - 18.10 |
| WBC-D (10 ⁹ /L) | 3.07 | 2.76 - 3.38 | 7.13 | 6.70 - 7.56 | 17.34 | 16.30 - 18.38 |
| NEUT% | 36.6 | 29.3 - 43.9 | 39.8 | 33.8 - 45.8 | 44.8 | 38.1 - 51.5 |
| LYMPH% | 39.3 | 23.6 - 55.0 | 34.8 | 27.8 - 41.8 | 28.2 | 22.6 - 33.8 |
| MONO% | 9.7 | 1.9 - 17.5 | 9.7 | 5.8 - 13.6 | 9.8 | 6.9 - 12.7 |
| EO% | 9.0 | 6.3 - 11.7 | 9.7 | 6.8 - 12.6 | 10.4 | 7.8 - 13.0 |
| BASO% | 5.3 | 3.7 - 6.9 | 6.0 | 4.2 - 7.8 | 6.8 | 5.1 - 8.5 |
| NEUT# (10 ⁹ /L) | 1.12 | 0.90 - 1.34 | 2.84 | 2.41 - 3.27 | 7.77 | 6.60 - 8.94 |
| LYMPH# (10 ⁹ /L) | 1.21 | 0.73 - 1.69 | 2.48 | 1.98 - 2.98 | 4.90 | 3.92 - 5.88 |
| MONO# (10 ⁹ /L) | 0.30 | 0.06 - 0.54 | 0.69 | 0.28 - 1.10 | 1.69 | 1.01 - 2.37 |
| EO# (10 ⁹ /L) | 0.28 | 0.20 - 0.36 | 0.69 | 0.48 - 0.90 | 1.80 | 1.35 - 2.25 |
| BASO# (10 ⁹ /L) | 0.16 | 0.11 - 0.21 | 0.43 | 0.30 - 0.56 | 1.18 | 0.89 - 1.48 |