



HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

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|-----------------------------|-------------------|--|-------------------|--|-------------------|-----------------------|
| Expiration Date: | 2010-03-29 | Quality Control Data Due Date #1: | 15-Feb-10 | Quality Control Data Due Date #2: | 29-Mar-10 | |
| Lot Number: | 00060801 | 00060802 | 00060803 | | | |
| Control: | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
| RBC (10 ¹² /L) | 2.20 | 2.11 - 2.29 | 4.27 | 4.14 - 4.40 | 5.27 | 5.11 - 5.43 |
| HGB (g/dL) | 5.5 | 5.3 - 5.7 | 12.3 | 11.9 - 12.7 | 16.1 | 15.6 - 16.6 |
| HCT (%) | 17.1 | 16.2 - 18.0 | 36.4 | 34.8 - 38.0 | 46.9 | 44.8 - 49.0 |
| MCV (fL) | 77.9 | 71.0 - 85.0 | 85.3 | 79.0 - 91.8 | 88.9 | 82.5 - 95.9 |
| MCH (pg) | 25.1 | 23.1 - 27.1 | 28.8 | 27.1 - 30.6 | 30.5 | 28.8 - 32.4 |
| MCHC (g/dL) | 32.3 | 29.4 - 35.2 | 33.8 | 31.4 - 36.4 | 34.2 | 31.9 - 37.0 |
| PLT (10 ⁹ /L) | 56 | 34 - 78 | 212 | 189 - 235 | 499 | 454 - 544 |
| RDW-SD (fL) | 46.0 | 41.4 - 50.6 | 45.9 | 41.3 - 50.5 | 46.2 | 41.6 - 50.8 |
| RDW-CV (%) | 16.6 | 14.9 - 18.3 | 15.3 | 13.8 - 16.8 | 15.0 | 13.5 - 16.5 |
| MPV (fL) | 9.1 | 8.4 - 9.8 | 9.5 | 8.9 - 10.1 | 9.8 | 9.2 - 10.4 |
| WBC-C (10 ⁹ /L) | 2.97 | 2.67 - 3.27 | 6.97 | 6.55 - 7.39 | 16.85 | 15.84 - 17.86 |
| WBC-D (10 ⁹ /L) | 2.99 | 2.69 - 3.29 | 7.04 | 6.62 - 7.46 | 17.06 | 16.04 - 18.08 |
| NEUT% | 37.4 | 29.9 - 44.9 | 41.4 | 35.2 - 47.6 | 44.3 | 37.7 - 50.9 |
| LYMPH% | 37.5 | 22.5 - 52.5 | 32.5 | 26.0 - 39.0 | 26.4 | 21.1 - 31.7 |
| MONO% | 10.7 | 2.1 - 19.3 | 10.3 | 4.1 - 16.5 | 10.9 | 7.6 - 14.2 |
| EO% | 8.9 | 6.2 - 11.6 | 9.6 | 6.7 - 12.5 | 11.3 | 8.5 - 14.1 |
| BASO% | 5.4 | 3.8 - 7.0 | 6.1 | 4.3 - 7.9 | 7.1 | 5.3 - 8.9 |
| NEUT# (10 ⁹ /L) | 1.12 | 0.90 - 1.34 | 2.91 | 2.47 - 3.35 | 7.56 | 6.43 - 8.69 |
| LYMPH# (10 ⁹ /L) | 1.12 | 0.67 - 1.57 | 2.29 | 1.83 - 2.75 | 4.51 | 3.61 - 5.41 |
| MONO# (10 ⁹ /L) | 0.32 | 0.06 - 0.58 | 0.73 | 0.29 - 1.17 | 1.86 | 1.30 - 2.42 |
| EO# (10 ⁹ /L) | 0.27 | 0.19 - 0.35 | 0.68 | 0.48 - 0.88 | 1.93 | 1.45 - 2.41 |
| BASO# (10 ⁹ /L) | 0.16 | 0.11 - 0.21 | 0.43 | 0.30 - 0.56 | 1.21 | 0.91 - 1.51 |

