



HEMATOLOGY CONTROL FOR SYSMEX XS SERIES ANALYZERS

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|-----------------------------|-------------------|-----------------------|--|-----------------------|-------------------|--|---------|-----------|
| Expiration Date: | 2010-09-13 | | Quality Control Data Due Date #1: | | 2-Aug-10 | Quality Control Data Due Date #2: | | 13-Sep-10 |
| Lot Number: | 01730801 | | 01730802 | | 01730803 | | | |
| Control: | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | | | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | | |
| RBC (10 ¹² /L) | 2.27 | 2.18 - 2.36 | 4.33 | 4.20 - 4.46 | 5.29 | 5.13 | - 5.45 | |
| HGB (g/dL) | 5.8 | 5.6 - 6.0 | 12.0 | 11.6 - 12.4 | 16.3 | 15.8 | - 16.8 | |
| HCT (%) | 17.6 | 16.7 - 18.5 | 35.1 | 33.5 - 36.7 | 47.0 | 44.9 | - 49.1 | |
| MCV (fL) | 77.6 | 70.8 - 84.8 | 81.1 | 75.2 - 87.3 | 88.7 | 82.4 | - 95.7 | |
| MCH (pg) | 25.5 | 23.6 - 27.7 | 27.8 | 26.1 - 29.4 | 30.7 | 29.0 | - 32.7 | |
| MCHC (g/dL) | 32.8 | 30.1 - 36.1 | 34.2 | 31.7 - 36.9 | 34.6 | 32.2 | - 37.4 | |
| PLT (10 ⁹ /L) | 56 | 34 - 78 | 220 | 196 - 244 | 511 | 465 | - 557 | |
| RDW-SD (fL) | 46.0 | 41.4 - 50.6 | 45.1 | 40.6 - 49.6 | 46.0 | 41.4 | - 50.6 | |
| RDW-CV (%) | 16.5 | 14.9 - 18.2 | 15.7 | 14.1 - 17.3 | 14.9 | 13.4 | - 16.4 | |
| 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) | 2.96 | 2.66 - 3.26 | 6.84 | 6.43 - 7.25 | 17.26 | 16.22 | - 18.30 | |
| WBC-D (10 ⁹ /L) | 3.01 | 2.71 - 3.31 | 6.98 | 6.56 - 7.40 | 17.62 | 16.56 | - 18.68 | |
| NEUT% | 39.4 | 31.5 - 47.3 | 41.2 | 35.0 - 47.4 | 45.5 | 38.7 | - 52.3 | |
| LYMPH% | 35.5 | 21.3 - 49.7 | 32.5 | 26.0 - 39.0 | 26.7 | 21.4 | - 32.0 | |
| MONO% | 9.7 | 1.9 - 17.5 | 10.2 | 4.1 - 16.3 | 10.3 | 7.2 | - 13.4 | |
| EO% | 9.5 | 6.7 - 12.4 | 10.2 | 7.1 - 13.3 | 10.6 | 8.0 | - 13.3 | |
| BASO% | 5.8 | 4.1 - 7.5 | 6.0 | 4.2 - 7.8 | 6.9 | 5.2 | - 8.6 | |
| NEUT# (10 ⁹ /L) | 1.19 | 0.95 - 1.43 | 2.87 | 2.44 - 3.30 | 8.01 | 6.81 | - 9.21 | |
| LYMPH# (10 ⁹ /L) | 1.07 | 0.64 - 1.50 | 2.27 | 1.82 - 2.72 | 4.69 | 3.75 | - 5.63 | |
| MONO# (10 ⁹ /L) | 0.29 | 0.06 - 0.52 | 0.71 | 0.28 - 1.14 | 1.82 | 1.27 | - 2.37 | |
| EO# (10 ⁹ /L) | 0.29 | 0.20 - 0.38 | 0.71 | 0.50 - 0.92 | 1.87 | 1.40 | - 2.34 | |
| BASO# (10 ⁹ /L) | 0.17 | 0.12 - 0.22 | 0.42 | 0.29 - 0.55 | 1.22 | 0.92 | - 1.53 | |