



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: | 01740801 | 01740802 | | 01740803 | | |
| Control: | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
| RBC (10 ¹² /L) | 2.29 | 2.20 - 2.38 | 4.37 | 4.24 - 4.50 | 5.32 | 5.16 - 5.48 |
| HGB (g/dL) | 5.8 | 5.6 - 6.0 | 12.1 | 11.7 - 12.5 | 16.1 | 15.6 - 16.6 |
| HCT (%) | 17.5 | 16.6 - 18.4 | 35.3 | 33.7 - 36.9 | 46.4 | 44.3 - 48.5 |
| MCV (fL) | 76.4 | 69.8 - 83.6 | 80.8 | 74.9 - 87.0 | 87.1 | 80.9 - 94.0 |
| MCH (pg) | 25.2 | 23.4 - 27.4 | 27.7 | 26.1 - 29.4 | 30.2 | 28.5 - 32.1 |
| MCHC (g/dL) | 33.0 | 30.3 - 36.3 | 34.2 | 31.8 - 37.0 | 34.7 | 32.2 - 37.4 |
| PLT (10 ⁹ /L) | 58 | 35 - 81 | 221 | 197 - 245 | 511 | 465 - 557 |
| RDW-SD (fL) | 45.6 | 41.0 - 50.2 | 43.6 | 39.2 - 48.0 | 45.0 | 40.5 - 49.5 |
| RDW-CV (%) | 16.7 | 15.0 - 18.4 | 15.3 | 13.8 - 16.8 | 14.8 | 13.3 - 16.3 |
| MPV (fL) | 9.2 | 8.5 - 9.9 | 9.7 | 9.1 - 10.3 | 9.9 | 9.3 - 10.5 |
| WBC-C (10 ⁹ /L) | 3.02 | 2.72 - 3.32 | 7.07 | 6.65 - 7.49 | 17.86 | 16.79 - 18.93 |
| WBC-D (10 ⁹ /L) | 3.05 | 2.75 - 3.36 | 7.23 | 6.80 - 7.66 | 18.24 | 17.15 - 19.33 |
| NEUT% | 38.0 | 30.4 - 45.6 | 41.7 | 35.4 - 48.0 | 44.6 | 37.9 - 51.3 |
| LYMPH% | 37.1 | 22.3 - 51.9 | 31.9 | 25.5 - 38.3 | 26.4 | 21.1 - 31.7 |
| MONO% | 10.3 | 2.1 - 18.5 | 10.6 | 4.2 - 17.0 | 10.9 | 7.6 - 14.2 |
| EO% | 8.8 | 6.2 - 11.4 | 9.6 | 6.7 - 12.5 | 11.4 | 8.6 - 14.3 |
| BASO% | 5.8 | 4.1 - 7.5 | 6.2 | 4.3 - 8.1 | 6.7 | 5.0 - 8.4 |
| NEUT# (10 ⁹ /L) | 1.16 | 0.93 - 1.39 | 3.01 | 2.56 - 3.46 | 8.14 | 6.92 - 9.36 |
| LYMPH# (10 ⁹ /L) | 1.13 | 0.68 - 1.58 | 2.31 | 1.85 - 2.77 | 4.81 | 3.85 - 5.77 |
| MONO# (10 ⁹ /L) | 0.31 | 0.06 - 0.56 | 0.77 | 0.31 - 1.23 | 1.99 | 1.39 - 2.59 |
| EO# (10 ⁹ /L) | 0.27 | 0.19 - 0.35 | 0.69 | 0.48 - 0.90 | 2.08 | 1.56 - 2.60 |
| BASO# (10 ⁹ /L) | 0.18 | 0.13 - 0.23 | 0.45 | 0.32 - 0.59 | 1.22 | 0.92 - 1.53 |