



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

| Expiration Date: | 2024-11-18 | | Quality Control Data Due Date #1: 07-Oct-2024 | | Quality Control Data Due Date #2: 18-Nov-2024 | |
|-----------------------------|-------------------|----------------|--|----------------|--|----------------|
| Lot Number: | 42410810 | | 42410811 | | 42410812 | |
| Control: | L1:Level 1 | | L2:Level 2 | | L3:Level 3 | |
| PARAMETERS | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE | MEAN | EXPECTED RANGE |
| RBC (10 ¹² /L) | 2.36 | 2.24 - 2.48 | 4.31 | 4.13 - 4.48 | 5.19 | 4.98 - 5.40 |
| HGB (g/dL) | 5.4 | 5.1 - 5.7 | 12.1 | 11.6 - 12.5 | 15.6 | 15.0 - 16.2 |
| HCT (%) | 17.1 | 15.9 - 18.3 | 35.6 | 33.4 - 37.7 | 45.2 | 42.5 - 47.9 |
| MCV (fL) | 72.3 | 67.2 - 77.4 | 82.6 | 77.6 - 87.6 | 87.1 | 81.8 - 92.3 |
| MCH (pg) | 22.9 | 21.3 - 24.5 | 28.0 | 26.3 - 29.7 | 30.0 | 28.5 - 31.5 |
| MCHC (g/dL) | 31.7 | 28.5 - 34.8 | 33.9 | 31.2 - 36.6 | 34.5 | 31.7 - 37.2 |
| PLT (10 ⁹ /L) | 53 | 38 - 68 | 210 | 184 - 235 | 491 | 442 - 540 |
| RDW-SD (fL) | 45.9 | 40.4 - 51.4 | 45.2 | 39.3 - 51.1 | 46.3 | 39.8 - 52.7 |
| RDW-CV (%) | 17.7 | 15.4 - 20.0 | 15.4 | 13.9 - 16.9 | 15.2 | 13.6 - 16.9 |
| MPV (fL) | 9.7 | 8.4 - 11.1 | 10.2 | 9.3 - 11.2 | 10.5 | 9.8 - 11.3 |
| WBC-C (10 ⁹ /L) | 3.00 | 2.67 - 3.33 | 6.93 | 6.30 - 7.55 | 18.95 | 17.43 - 20.46 |
| WBC-D (10 ⁹ /L) | 2.97 | 2.68 - 3.27 | 6.87 | 6.25 - 7.49 | 18.80 | 17.30 - 20.31 |
| NEUT% | 38.4 | 31.9 - 44.9 | 40.9 | 35.6 - 46.2 | 44.1 | 38.8 - 49.4 |
| LYMPH% | 36.9 | 30.2 - 43.5 | 32.1 | 27.6 - 36.6 | 27.1 | 23.8 - 30.3 |
| MONO% | 9.9 | 4.7 - 15.2 | 11.1 | 7.1 - 15.1 | 11.3 | 7.9 - 14.7 |
| EO% | 9.0 | 5.1 - 13.0 | 9.8 | 5.7 - 13.9 | 10.7 | 6.1 - 15.3 |
| BASO% | 5.8 | 2.8 - 8.8 | 6.1 | 3.2 - 9.0 | 6.8 | 3.6 - 10.0 |
| NEUT# (10 ⁹ /L) | 1.14 | 0.88 - 1.40 | 2.81 | 2.28 - 3.34 | 8.29 | 6.88 - 9.70 |
| LYMPH# (10 ⁹ /L) | 1.10 | 0.83 - 1.36 | 2.20 | 1.78 - 2.62 | 5.09 | 4.28 - 5.91 |
| MONO# (10 ⁹ /L) | 0.29 | 0.13 - 0.46 | 0.76 | 0.47 - 1.05 | 2.13 | 1.45 - 2.81 |
| EO# (10 ⁹ /L) | 0.27 | 0.15 - 0.39 | 0.67 | 0.38 - 0.97 | 2.01 | 1.13 - 2.89 |
| BASO# (10 ⁹ /L) | 0.17 | 0.08 - 0.27 | 0.42 | 0.21 - 0.63 | 1.28 | 0.67 - 1.89 |