



e-CHECK™ (XE)

HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

| Expiration Date: | 2020-02-17 | | Quality Control Data Due Date #1: 06-Jan-2020 | | Quality Control Data Due Date #2: 17-Feb-2020 | |
|-----------------------------|-------------------|----------------|--|----------------|--|----------------|
| Lot Number: | 93320810 | | 93320811 | | 93320812 | |
| 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 | 2.13 - 2.35 | 4.33 | 4.16 - 4.50 | 5.30 | 5.09 - 5.51 |
| HGB (g/dL) | 5.5 | 5.2 - 5.9 | 11.9 | 11.5 - 12.4 | 16.4 | 15.7 - 17.0 |
| HCT (%) | 17.2 | 16.0 - 18.4 | 35.2 | 33.1 - 37.3 | 47.2 | 44.4 - 50.0 |
| MCV (fL) | 76.8 | 71.4 - 82.2 | 81.3 | 76.4 - 86.2 | 89.1 | 83.8 - 94.4 |
| MCH (pg) | 24.7 | 23.0 - 26.4 | 27.6 | 25.9 - 29.3 | 30.8 | 29.3 - 32.3 |
| MCHC (g/dL) | 32.2 | 29.0 - 35.4 | 33.9 | 31.2 - 36.6 | 34.6 | 31.8 - 37.4 |
| PLT (10 ⁹ /L) | 56 | 40 - 72 | 222 | 195 - 249 | 518 | 466 - 570 |
| RDW-SD (fL) | 47.3 | 41.6 - 53.0 | 45.1 | 39.2 - 51.0 | 43.5 | 37.4 - 49.6 |
| RDW-CV (%) | 17.2 | 15.0 - 19.4 | 15.6 | 14.0 - 17.2 | 14.1 | 12.5 - 15.7 |
| MPV (fL) | 9.1 | 7.8 - 10.4 | 9.5 | 8.6 - 10.4 | 9.7 | 9.0 - 10.4 |
| WBC-C (10 ⁹ /L) | 2.91 | 2.59 - 3.23 | 6.61 | 6.02 - 7.20 | 18.01 | 16.57 - 19.45 |
| WBC-D (10 ⁹ /L) | 2.88 | 2.59 - 3.17 | 6.45 | 5.87 - 7.03 | 17.66 | 16.25 - 19.07 |
| NEUT% | 36.0 | 29.9 - 42.1 | 40.4 | 35.1 - 45.7 | 44.5 | 39.2 - 49.8 |
| LYMPH% | 39.6 | 32.5 - 46.7 | 34.3 | 29.5 - 39.1 | 29.3 | 25.8 - 32.8 |
| MONO% | 10.3 | 4.8 - 15.8 | 9.9 | 6.3 - 13.5 | 9.1 | 6.4 - 11.8 |
| EO% | 8.8 | 4.9 - 12.7 | 9.5 | 5.5 - 13.5 | 9.9 | 5.6 - 14.2 |
| BASO% | 5.3 | 2.5 - 8.1 | 6.0 | 3.1 - 8.9 | 7.1 | 3.8 - 10.4 |
| NEUT# (10 ⁹ /L) | 1.04 | 0.80 - 1.28 | 2.60 | 2.11 - 3.09 | 7.85 | 6.52 - 9.18 |
| LYMPH# (10 ⁹ /L) | 1.14 | 0.87 - 1.41 | 2.21 | 1.79 - 2.63 | 5.18 | 4.35 - 6.01 |
| MONO# (10 ⁹ /L) | 0.30 | 0.14 - 0.47 | 0.64 | 0.40 - 0.88 | 1.61 | 1.09 - 2.13 |
| EO# (10 ⁹ /L) | 0.25 | 0.14 - 0.37 | 0.62 | 0.35 - 0.89 | 1.76 | 0.99 - 2.53 |
| BASO# (10 ⁹ /L) | 0.15 | 0.07 - 0.23 | 0.38 | 0.19 - 0.57 | 1.26 | 0.66 - 1.86 |