



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

| Expiration Date:            | <b>2024-05-26</b> |                |        | Quality Control<br>Data Due Date #1: | 19-Apr-2024    | Quality Control<br>Data Due Date #2: | 26-May-2024       |                |         |
|-----------------------------|-------------------|----------------|--------|--------------------------------------|----------------|--------------------------------------|-------------------|----------------|---------|
| Lot Number:                 | <b>40640804</b>   |                |        | <b>40640805</b>                      |                |                                      | <b>40640806</b>   |                |         |
| Control:                    | <b>L1:Level 1</b> |                |        | <b>L2:Level 2</b>                    |                |                                      | <b>L3:Level 3</b> |                |         |
| PARAMETERS                  | MEAN              | EXPECTED RANGE |        | MEAN                                 | EXPECTED RANGE |                                      | MEAN              | EXPECTED RANGE |         |
| RBC (10 <sup>12</sup> /L)   | 2.55              | 2.43           | - 2.68 | 4.35                                 | 4.17           | - 4.52                               | 5.21              | 5.00           | - 5.42  |
| HGB (g/dL)                  | 6.5               | 6.1            | - 6.9  | 12.0                                 | 11.6           | - 12.5                               | 16.2              | 15.5           | - 16.8  |
| HCT (%)                     | 19.7              | 18.4           | - 21.1 | 35.3                                 | 33.2           | - 37.5                               | 46.5              | 43.7           | - 49.3  |
| MCV (fL)                    | 77.3              | 71.9           | - 82.7 | 81.3                                 | 76.4           | - 86.2                               | 89.2              | 83.9           | - 94.6  |
| MCH (pg)                    | 25.4              | 23.6           | - 27.1 | 27.7                                 | 26.0           | - 29.4                               | 31.0              | 29.4           | - 32.5  |
| MCHC (g/dL)                 | 32.8              | 29.5           | - 36.1 | 34.1                                 | 31.3           | - 36.8                               | 34.7              | 32.0           | - 37.5  |
| PLT (10 <sup>9</sup> /L)    | 55                | 39             | - 71   | 217                                  | 191            | - 243                                | 532               | 479            | - 585   |
| RDW-SD (fL)                 | 46.7              | 42.5           | - 50.9 | 44.7                                 | 40.7           | - 48.8                               | 45.1              | 40.6           | - 49.6  |
| RDW-CV (%)                  | 16.9              | 15.4           | - 18.4 | 15.8                                 | 14.7           | - 16.9                               | 14.7              | 13.5           | - 15.8  |
| MPV (fL)                    | 8.7               | 7.5            | - 10.0 | 9.2                                  | 8.3            | - 10.0                               | 9.4               | 8.8            | - 10.1  |
| WBC-C (10 <sup>9</sup> /L)  | 2.82              | 2.51           | - 3.13 | 6.68                                 | 6.08           | - 7.28                               | 15.88             | 14.61          | - 17.15 |
| WBC-D (10 <sup>9</sup> /L)  | 2.91              | 2.62           | - 3.20 | 6.91                                 | 6.29           | - 7.53                               | 16.45             | 15.13          | - 17.76 |
| NEUT%                       | 36.4              | 31.3           | - 41.5 | 41.2                                 | 36.7           | - 45.8                               | 44.3              | 39.9           | - 48.7  |
| LYMPH%                      | 38.2              | 32.5           | - 43.9 | 32.9                                 | 29.3           | - 36.5                               | 27.8              | 25.0           | - 30.6  |
| MONO%                       | 11.1              | 6.2            | - 16.0 | 10.0                                 | 7.0            | - 13.0                               | 10.9              | 8.2            | - 13.7  |
| EO%                         | 8.8               | 5.5            | - 12.0 | 9.7                                  | 6.3            | - 13.1                               | 10.2              | 6.5            | - 13.9  |
| BASO%                       | 5.5               | 3.1            | - 7.9  | 6.2                                  | 3.7            | - 8.7                                | 6.7               | 4.1            | - 9.3   |
| NEUT# (10 <sup>9</sup> /L)  | 1.06              | 0.86           | - 1.26 | 2.85                                 | 2.42           | - 3.28                               | 7.29              | 6.27           | - 8.31  |
| LYMPH# (10 <sup>9</sup> /L) | 1.11              | 0.89           | - 1.34 | 2.27                                 | 1.91           | - 2.64                               | 4.58              | 3.94           | - 5.22  |
| MONO# (10 <sup>9</sup> /L)  | 0.32              | 0.18           | - 0.47 | 0.69                                 | 0.47           | - 0.91                               | 1.80              | 1.33           | - 2.27  |
| EO# (10 <sup>9</sup> /L)    | 0.26              | 0.16           | - 0.35 | 0.67                                 | 0.42           | - 0.92                               | 1.68              | 1.06           | - 2.30  |
| BASO# (10 <sup>9</sup> /L)  | 0.16              | 0.08           | - 0.23 | 0.43                                 | 0.25           | - 0.61                               | 1.10              | 0.66           | - 1.54  |



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-1000iC™ ANALYZERS

| Expiration Date:            | <b>2024-05-26</b> |                | Quality Control<br>Data Due Date #1: 19-Apr-2024 |                | Quality Control<br>Data Due Date #2: 26-May-2024 |                |
|-----------------------------|-------------------|----------------|--|----------------|--|----------------|
| Lot Number:                 | <b>40640804</b>   |                | <b>40640805</b>                                  |                | <b>40640806</b>                                  |                |
| Control:                    | <b>L1:Level 1</b> |                | <b>L2:Level 2</b>                                |                | <b>L3:Level 3</b>                                |                |
| PARAMETERS                  | MEAN              | EXPECTED RANGE | MEAN   | EXPECTED RANGE | MEAN   | EXPECTED RANGE |
| RBC (10 <sup>12</sup> /L)   | 2.61              | 2.48 - 2.74    | 4.35   | 4.17 - 4.52    | 5.18   | 4.97 - 5.39    |
| HGB (g/dL)                  | 6.5               | 6.1 - 6.8      | 12.0   | 11.5 - 12.5    | 16.2   | 15.6 - 16.9    |
| HCT (%)                     | 20.3              | 18.9 - 21.7    | 36.2   | 34.0 - 38.4    | 47.8   | 44.9 - 50.6    |
| MCV (fL)                    | 77.7              | 72.2 - 83.1    | 83.3   | 78.3 - 88.3    | 92.2   | 86.7 - 97.7    |
| MCH (pg)                    | 24.7              | 23.0 - 26.4    | 27.7   | 26.0 - 29.3    | 31.3   | 29.7 - 32.9    |
| MCHC (g/dL)                 | 31.8              | 28.6 - 35.0    | 33.2   | 30.5 - 35.9    | 34.0   | 31.3 - 36.7    |
| PLT (10 <sup>9</sup> /L)    | 56                | 40 - 73        | 222  | 196 - 249      | 544  | 489 - 598      |
| RDW-SD (fL)                 | 49.8              | 45.3 - 54.3    | 49.2   | 44.8 - 53.6    | 49.6   | 44.6 - 54.5    |
| RDW-CV (%)                  | 18.5              | 16.9 - 20.2    | 18.0   | 16.8 - 19.3    | 16.7   | 15.3 - 18.0    |
| MPV (fL)                    | 9.2               | 7.9 - 10.5     | 9.7  | 8.8 - 10.6     | 10.0   | 9.3 - 10.7     |
| WBC-C (10 <sup>9</sup> /L)  | 2.87              | 2.55 - 3.18    | 6.77   | 6.16 - 7.38    | 15.98  | 14.70 - 17.25  |
| WBC-D (10 <sup>9</sup> /L)  | 2.94              | 2.65 - 3.23    | 6.96   | 6.33 - 7.59    | 16.44  | 15.13 - 17.76  |
| NEUT%                       | 36.3              | 31.3 - 41.4    | 41.1   | 36.6 - 45.6    | 43.3   | 38.9 - 47.6    |
| LYMPH%                      | 37.9              | 32.2 - 43.6    | 32.7   | 29.1 - 36.3    | 27.5   | 24.8 - 30.3    |
| MONO%                       | 11.6              | 6.5 - 16.6     | 10.0   | 7.0 - 12.9     | 11.3   | 8.5 - 14.2     |
| EO%                         | 8.7               | 5.5 - 11.9     | 10.3   | 6.7 - 13.9     | 11.1   | 7.1 - 15.1     |
| BASO%                       | 5.5               | 3.1 - 7.9      | 6.0  | 3.6 - 8.4      | 6.8  | 4.1 - 9.4      |
| NEUT# (10 <sup>9</sup> /L)  | 1.07              | 0.87 - 1.27    | 2.86   | 2.43 - 3.29    | 7.12   | 6.12 - 8.11    |
| LYMPH# (10 <sup>9</sup> /L) | 1.11              | 0.89 - 1.34    | 2.27   | 1.91 - 2.64    | 4.52   | 3.89 - 5.16    |
| MONO# (10 <sup>9</sup> /L)  | 0.34              | 0.18 - 0.50    | 0.69   | 0.47 - 0.91    | 1.86   | 1.38 - 2.35    |
| EO# (10 <sup>9</sup> /L)    | 0.26              | 0.16 - 0.35    | 0.72   | 0.45 - 0.98    | 1.83   | 1.15 - 2.50    |
| BASO# (10 <sup>9</sup> /L)  | 0.16              | 0.09 - 0.24    | 0.42   | 0.24 - 0.59    | 1.12   | 0.67 - 1.56    |