



# e-CHECK™ (XS)

## HEMATOLOGY CONTROL FOR SYSMEX XS-SERIES ANALYZERS

| Expiration Date:            | <b>2022-05-29</b> |                |        | Quality Control<br>Data Due Date #1: | 22-Apr-2022    | Quality Control<br>Data Due Date #2: | 29-May-2022 |                |         |
|-----------------------------|-------------------|----------------|--------|--------------------------------------|----------------|--------------------------------------|-------------|----------------|---------|
| Lot Number:                 | <b>20670804</b>   |                |        | <b>20670805</b>                      |                | <b>20670806</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)   | 2.31              | 2.20           | - 2.43 | 4.39                                 | 4.21           | - 4.57                               | 5.25        | 5.04           | - 5.46  |
| HGB (g/dL)                  | 5.0               | 4.7            | - 5.3  | 12.6                                 | 12.1           | - 13.1                               | 16.4        | 15.7           | - 17.0  |
| HCT (%)                     | 15.6              | 14.5           | - 16.7 | 36.7                                 | 34.5           | - 38.9                               | 47.0        | 44.2           | - 49.9  |
| MCV (fL)                    | 67.3              | 62.6           | - 72.0 | 83.6                                 | 78.6           | - 88.6                               | 89.6        | 84.2           | - 95.0  |
| MCH (pg)                    | 21.7              | 20.2           | - 23.3 | 28.7                                 | 26.9           | - 30.4                               | 31.1        | 29.6           | - 32.7  |
| MCHC (g/dL)                 | 32.3              | 29.1           | - 35.5 | 34.3                                 | 31.5           | - 37.0                               | 34.8        | 32.0           | - 37.5  |
| PLT (10 <sup>9</sup> /L)    | 60                | 43             | - 78   | 232                                  | 204            | - 259                                | 553         | 497            | - 608   |
| RDW-SD (fL)                 | 45.6              | 41.5           | - 49.8 | 50.3                                 | 45.8           | - 54.9                               | 44.0        | 39.6           | - 48.4  |
| RDW-CV (%)                  | 19.2              | 17.5           | - 20.9 | 17.0                                 | 15.8           | - 18.2                               | 14.3        | 13.2           | - 15.5  |
| MPV (fL)                    | 9.1               | 7.8            | - 10.4 | 9.4                                  | 8.5            | - 10.2                               | 9.6         | 9.0            | - 10.3  |
| WBC-C (10 <sup>9</sup> /L)  | 2.90              | 2.58           | - 3.22 | 6.91                                 | 6.29           | - 7.53                               | 16.26       | 14.96          | - 17.56 |
| WBC-D (10 <sup>9</sup> /L)  | 2.98              | 2.68           | - 3.28 | 7.13                                 | 6.49           | - 7.77                               | 16.81       | 15.46          | - 18.15 |
| NEUT%                       | 37.2              | 32.0           | - 42.4 | 39.5                                 | 35.2           | - 43.9                               | 44.0        | 39.6           | - 48.4  |
| LYMPH%                      | 37.9              | 32.2           | - 43.6 | 34.5                                 | 30.7           | - 38.2                               | 28.2        | 25.4           | - 31.0  |
| MONO%                       | 10.5              | 5.9            | - 15.1 | 10.6                                 | 7.4            | - 13.8                               | 10.5        | 7.9            | - 13.1  |
| EO%                         | 8.8               | 5.6            | - 12.1 | 9.5                                  | 6.2            | - 12.8                               | 10.5        | 6.7            | - 14.3  |
| BASO%                       | 5.6               | 3.1            | - 8.0  | 5.9                                  | 3.5            | - 8.3                                | 6.8         | 4.2            | - 9.5   |
| NEUT# (10 <sup>9</sup> /L)  | 1.11              | 0.90           | - 1.32 | 2.82                                 | 2.40           | - 3.24                               | 7.39        | 6.36           | - 8.43  |
| LYMPH# (10 <sup>9</sup> /L) | 1.13              | 0.91           | - 1.36 | 2.46                                 | 2.06           | - 2.85                               | 4.74        | 4.08           | - 5.40  |
| MONO# (10 <sup>9</sup> /L)  | 0.31              | 0.17           | - 0.46 | 0.76                                 | 0.52           | - 1.00                               | 1.76        | 1.30           | - 2.22  |
| EO# (10 <sup>9</sup> /L)    | 0.26              | 0.16           | - 0.36 | 0.68                                 | 0.43           | - 0.92                               | 1.77        | 1.11           | - 2.42  |
| BASO# (10 <sup>9</sup> /L)  | 0.17              | 0.09           | - 0.24 | 0.42                                 | 0.24           | - 0.60                               | 1.15        | 0.69           | - 1.60  |



# e-CHECK™ (XS)

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

| Expiration Date:            | <b>2022-05-29</b> |                |                   | Quality Control<br>Data Due Date #1: 22-Apr-2022 |                   | Quality Control<br>Data Due Date #2: 29-May-2022 |       |                |         |
|-----------------------------|-------------------|----------------|-------------------|--|-------------------|--|-------|----------------|---------|
| Lot Number:                 | <b>20670804</b>   |                | <b>20670805</b>   |  | <b>20670806</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)   | 2.38              | 2.26           | - 2.50            | 4.41   | 4.23              | - 4.58   | 5.23  | 5.02           | - 5.44  |
| HGB (g/dL)                  | 5.0               | 4.7            | - 5.3             | 12.6   | 12.1              | - 13.1   | 16.4  | 15.7           | - 17.0  |
| HCT (%)                     | 16.3              | 15.2           | - 17.4            | 37.8   | 35.5              | - 40.0   | 48.2  | 45.3           | - 51.1  |
| MCV (fL)                    | 68.4              | 63.6           | - 73.2            | 85.7   | 80.6              | - 90.9   | 92.2  | 86.7           | - 97.7  |
| MCH (pg)                    | 21.0              | 19.5           | - 22.4            | 28.5   | 26.8              | - 30.2   | 31.3  | 29.7           | - 32.8  |
| MCHC (g/dL)                 | 30.7              | 27.6           | - 33.7            | 33.3   | 30.6              | - 35.9   | 33.9  | 31.2           | - 36.6  |
| PLT (10 <sup>9</sup> /L)    | 62                | 44             | - 80              | 235  | 207               | - 263  | 561   | 505            | - 617   |
| RDW-SD (fL)                 | 48.2              | 43.9           | - 52.6            | 54.4   | 49.5              | - 59.3   | 48.3  | 43.5           | - 53.1  |
| RDW-CV (%)                  | 20.7              | 18.9           | - 22.6            | 18.8   | 17.5              | - 20.1   | 16.0  | 14.7           | - 17.3  |
| MPV (fL)                    | 9.6               | 8.2            | - 10.9            | 10.0   | 9.1               | - 10.9   | 10.3  | 9.5            | - 11.0  |
| WBC-C (10 <sup>9</sup> /L)  | 2.92              | 2.60           | - 3.24            | 6.98   | 6.35              | - 7.60   | 16.30 | 14.99          | - 17.60 |
| WBC-D (10 <sup>9</sup> /L)  | 3.01              | 2.71           | - 3.31            | 7.19   | 6.54              | - 7.84   | 16.86 | 15.51          | - 18.20 |
| NEUT%                       | 37.2              | 32.0           | - 42.4            | 40.1   | 35.7              | - 44.5   | 43.6  | 39.2           | - 48.0  |
| LYMPH%                      | 37.5              | 31.9           | - 43.1            | 33.9   | 30.2              | - 37.6   | 28.1  | 25.3           | - 31.0  |
| MONO%                       | 11.1              | 6.2            | - 15.9            | 10.9   | 7.6               | - 14.2   | 11.0  | 8.2            | - 13.7  |
| EO%                         | 8.7               | 5.5            | - 11.9            | 9.3  | 6.0               | - 12.5   | 10.6  | 6.8            | - 14.3  |
| BASO%                       | 5.6               | 3.1            | - 8.0             | 5.8  | 3.5               | - 8.1  | 6.7   | 4.1            | - 9.4   |
| NEUT# (10 <sup>9</sup> /L)  | 1.12              | 0.91           | - 1.33            | 2.89   | 2.45              | - 3.32   | 7.35  | 6.32           | - 8.38  |
| LYMPH# (10 <sup>9</sup> /L) | 1.13              | 0.90           | - 1.35            | 2.44   | 2.05              | - 2.83   | 4.74  | 4.08           | - 5.41  |
| MONO# (10 <sup>9</sup> /L)  | 0.33              | 0.18           | - 0.49            | 0.78   | 0.53              | - 1.03   | 1.85  | 1.37           | - 2.33  |
| EO# (10 <sup>9</sup> /L)    | 0.26              | 0.16           | - 0.36            | 0.67   | 0.42              | - 0.91   | 1.78  | 1.12           | - 2.44  |
| BASO# (10 <sup>9</sup> /L)  | 0.17              | 0.09           | - 0.25            | 0.42   | 0.24              | - 0.59   | 1.14  | 0.68           | - 1.59  |