



# EIGHTCHECK™-3WP X-TRA

## HEMATOLOGY CONTROL

### XQ-SERIES\*

|                                      |   |                       |   |             |   |       |             |                       |       |       |   |       |
|--------------------------------------|---|-----------------------|---|-------------|---|-------|-------------|-----------------------|-------|-------|---|-------|
| <b>Expiration Date:</b><br>8/21/2024 | <b>Insight</b><br>Data Due Date #1: 16-Jun-24 |                       | <b>Insight</b><br>Data Due Date #2: 19-Jul-24 |             | <b>Insight</b><br>Data Due Date #3: 21-Aug-24 |       |             |                       |       |       |   |       |
| <b>Lot Number:</b>                   | 41350710                                      |                       | 41350711                                      |             | 41350712                                      |       |             |                       |       |       |   |       |
| <b>Control:</b>                      | Low Abnormal                                  |                       | Normal  |             | High Abnormal                                 |       |             |                       |       |       |   |       |
| <b>Parameters</b>                    | <b>Mean</b>                                   | <b>Expected Range</b> |   | <b>Mean</b> | <b>Expected Range</b>                         |       | <b>Mean</b> | <b>Expected Range</b> |       |       |   |       |
| <b>Sysmex® XQ-SERIES™</b>            |   |                       |   |             |   |       |             |                       |       |       |   |       |
| WBC (10 <sup>3</sup> /μL)            | 3.46  | 2.96                  | -   | 3.96        | 7.38  | 6.68  | -           | 8.08                  | 18.33 | 16.53 | - | 20.13 |
| RBC (10 <sup>6</sup> /μL)            | 2.41  | 2.21                  | -   | 2.61        | 4.60  | 4.34  | -           | 4.86                  | 5.53  | 5.27  | - | 5.79  |
| HGB (g/dL)                           | 5.8   | 5.4                   | -   | 6.2         | 12.8  | 12.0  | -           | 13.6                  | 17.2  | 16.3  | - | 18.1  |
| HCT (%)                              | 16.3  | 14.8                  | -   | 17.8        | 36.0  | 33.6  | -           | 38.4                  | 47.4  | 43.8  | - | 51.0  |
| MCV (fL)                             | 67.6  | 54.6                  | -   | 80.6        | 78.1  | 67.6  | -           | 88.6                  | 85.7  | 74.4  | - | 97.0  |
| MCH (pg)                             | 24.0  | 19.8                  | -   | 28.2        | 27.8  | 24.1  | -           | 31.5                  | 31.1  | 27.8  | - | 34.4  |
| MCHC (g/dL)                          | 35.6  | 30.1                  | -   | 41.1        | 35.6  | 30.7  | -           | 40.5                  | 36.3  | 31.3  | - | 41.3  |
| PLT (10 <sup>3</sup> /μL)            | 86  | 69                    | -   | 103         | 227   | 190   | -           | 264                   | 560   | 497   | - | 623   |
| Lymph (W-SCR) (%)                    | 18.4  | 14.7                  | -   | 22.1        | 30.9  | 27.8  | -           | 34.0                  | 34.3  | 30.7  | - | 37.9  |
| Mixed (W-MCR) (%)                    | 11.3  | 6.5                   | -   | 16.1        | 11.8  | 9.0   | -           | 14.6                  | 17.5  | 14.9  | - | 20.1  |
| Neut (W-LCR) (%)                     | 70.3  | 65.2                  | -   | 75.4        | 57.3  | 53.8  | -           | 60.8                  | 48.3  | 44.4  | - | 52.2  |
| Lymph (W-SCC) (10 <sup>3</sup> /μL)  | 0.63  | 0.43                  | -   | 0.83        | 2.28  | 1.78  | -           | 2.78                  | 6.28  | 5.48  | - | 7.08  |
| Mixed (W-MCC) (10 <sup>3</sup> /μL)  | 0.39  | 0.19                  | -   | 0.59        | 0.87  | 0.67  | -           | 1.07                  | 3.20  | 2.70  | - | 3.70  |
| Neut (W-LCC) (10 <sup>3</sup> /μL)   | 2.43  | 2.03                  | -   | 2.83        | 4.23  | 3.63  | -           | 4.83                  | 8.84  | 7.84  | - | 9.84  |
| W-SMV (fL)                           | 61.5  | 51.9                  | -   | 71.1        | 61.6  | 54.6  | -           | 68.6                  | 61.6  | 55.2  | - | 68.0  |
| W-LMV (fL)                           | 205.5   | 190.2                 | -   | 220.8       | 206.5   | 191.2 | -           | 221.8                 | 191.7 | 177.4 | - | 206.0 |
| RDW-SD (fL)                          | 27.6  | 21.8                  | -   | 33.4        | 28.9  | 23.5  | -           | 34.3                  | 27.2  | 21.8  | - | 32.6  |
| RDW-CV (%)                           | 12.7  | 11.0                  | -   | 14.4        | 10.3  | 8.7   | -           | 11.9                  | 7.5   | 5.8   | - | 9.2   |
| MPV (fL)                             | 9.5   | 8.1                   | -   | 10.9        | 9.5   | 8.5   | -           | 10.5                  | 9.4   | 8.6   | - | 10.2  |

Refer to package insert for Sysmex recommendations on setting QC targets and limits.

\*Not available for sale in the U.S.A. and Canada

Low Abnormal Barcode



Normal Barcode



High Abnormal Barcode

