



# EIGHTCHECK-3WP X-TRA™

## HEMATOLOGY CONTROL

pochH-100 i™

|                                       |  |  |  |
|---------------------------------------|--|--|--|
| <b>Expiration Date:</b><br>11/13/2024 | <i>Insight</i><br><b>Data Due Date #1:</b> 08-Sep-24 | <i>Insight</i><br><b>Data Due Date #2:</b> 11-Oct-24 | <i>Insight</i><br><b>Data Due Date #3:</b> 13-Nov-24 |
|---------------------------------------|--|--|--|

|                    |                 |                 |                 |
|--------------------|-----------------|-----------------|-----------------|
| <b>Lot Number:</b> | <b>42200710</b> | <b>42200711</b> | <b>42200712</b> |
|--------------------|-----------------|-----------------|-----------------|

|                 |                     |               |                      |
|-----------------|---------------------|---------------|----------------------|
| <b>Control:</b> | <b>Low Abnormal</b> | <b>Normal</b> | <b>High Abnormal</b> |
|-----------------|---------------------|---------------|----------------------|

| Parameters                         | Mean  | Expected Range | Mean  | Expected Range | Mean  | Expected Range |
|------------------------------------|-------|----------------|-------|----------------|-------|----------------|
| <b>Sysmex® pochH-100i</b>          |       |                |       |                |       |                |
| WBC x10 <sup>3</sup> /μL           | 3.1   | 2.7 - 3.5      | 6.6   | 5.9 - 7.3      | 16.6  | 14.8 - 18.4    |
| RBC x10 <sup>6</sup> /μL           | 2.50  | 2.29 - 2.71    | 4.60  | 4.34 - 4.86    | 5.53  | 5.27 - 5.79    |
| HGB g/dL                           | 6.0   | 5.7 - 6.3      | 12.8  | 12.1 - 13.5    | 16.8  | 16.1 - 17.5    |
| HCT %                              | 18.5  | 16.9 - 20.1    | 38.1  | 35.4 - 40.8    | 49.0  | 45.1 - 52.9    |
| MCV fL                             | 74.0  | 61.3 - 86.7    | 82.8  | 72.2 - 93.4    | 88.6  | 77.3 - 99.9    |
| MCH pg                             | 24.0  | 20.6 - 27.4    | 27.8  | 24.7 - 30.9    | 30.3  | 27.6 - 33.0    |
| MCHC g/dL                          | 32.5  | 28.4 - 36.6    | 33.6  | 29.8 - 37.4    | 34.2  | 30.3 - 38.1    |
| PLT x10 <sup>3</sup> /μL           | 80    | 63 - 97        | 223   | 187 - 259      | 516   | 456 - 576      |
| Lymph (W-SCR) %                    | 21.0  | 17.3 - 24.7    | 30.8  | 27.7 - 33.9    | 37.3  | 33.8 - 40.8    |
| Mixed (W-MCR) %                    | 8.5   | 3.9 - 13.1     | 10.4  | 7.6 - 13.2     | 15.7  | 13.0 - 18.4    |
| Neut (W-LCR) %                     | 70.5  | 65.3 - 75.7    | 58.7  | 55.2 - 62.2    | 47.0  | 43.1 - 50.9    |
| Lymph (W-SCC) x10 <sup>3</sup> /μL | 0.7   | 0.5 - 0.9      | 2.0   | 1.5 - 2.5      | 6.2   | 5.5 - 6.9      |
| Mixed (W-MCC) x10 <sup>3</sup> /μL | 0.3   | 0.1 - 0.5      | 0.7   | 0.5 - 0.9      | 2.6   | 2.1 - 3.1      |
| Neut (W-LCC) x10 <sup>3</sup> /μL  | 2.2   | 1.8 - 2.6      | 3.9   | 3.0 - 4.8      | 7.8   | 6.7 - 8.9      |
| W-SMV fL                           | 63.1  | 51.1 - 75.1    | 63.3  | 51.3 - 75.3    | 63.6  | 52.6 - 74.6    |
| W-LMV fL                           | 203.8 | 163.8 - 243.8  | 204.2 | 174.2 - 234.2  | 193.2 | 163.2 - 223.2  |
| RDW-SD fL                          | 42.7  | 35.6 - 49.8    | 48.2  | 41.4 - 55.0    | 44.3  | 37.5 - 51.1    |
| RDW-CV %                           | 16.4  | 14.0 - 18.8    | 16.6  | 14.3 - 18.9    | 14.4  | 11.9 - 16.9    |
| PDW fL*                            | 9.2   | 5.7 - 12.7     | 9.4   | 6.7 - 12.1     | 9.6   | 7.8 - 11.4     |
| MPV fL                             | 10.7  | 9.1 - 12.3     | 10.3  | 9.2 - 11.4     | 10.2  | 9.3 - 11.1     |
| PLCR %*                            | 22.6  | 14.0 - 31.2    | 19.9  | 12.2 - 27.6    | 19.0  | 11.5 - 26.5    |

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

\*PDW (fL), P-LCR (%) and PCT (%) Not FDA cleared