

# XN CHECK ASSAY SHEET

## for XN-Series

Level L3

**LOT**

**6186 1103**



**04-Oct-2026**

|           | RBC<br>[10 <sup>6</sup> /μL] | HGB          |             | HCT          |                | MCV<br>[fL]  | MCH          |                | MCHC         |              |
|-----------|------------------------------|--------------|-------------|--------------|----------------|--------------|--------------|----------------|--------------|--------------|
|           |                              | [g/dL]       | [mmol/L]    | [%]          | [L/L]          |              | [pg]         | [fmol]         | [g/dL]       | [mmol/L]     |
| Range     | 5.26<br>4.76                 | 16.1<br>14.9 | 10.0<br>9.2 | 49.1<br>40.1 | 0.491<br>0.401 | 93.5<br>84.5 | 33.4<br>28.4 | 2.074<br>1.766 | 39.7<br>29.9 | 24.6<br>18.6 |
| Mean      | 5.01                         | 15.5         | 9.6         | 44.6         | 0.446          | 89.0         | 30.9         | 1.920          | 34.8         | 21.6         |
| Limit [%] | 5.0                          | 4.0          | 4.0         | 10.0         | 10.0           | 5.0          | 8.0          | 8.0            | 14.0         | 14.0         |
| Limit [#] | 0.25                         | 0.6          | 0.4         | 4.5          | 0.045          | 4.5          | 2.5          | 0.154          | 4.9          | 3.0          |

|           | PLT<br>[10 <sup>3</sup> /μL] | RDW-SD<br>[fL] | RDW-CV<br>[%] | PDW<br>[fL] | PCT<br>[%]   | MPV<br>[fL] | P-LCR<br>[%] | PLT-F<br>[10 <sup>3</sup> /μL] | IPF<br>[%]   | IPF#<br>[10 <sup>3</sup> /μL] |
|-----------|------------------------------|----------------|---------------|-------------|--------------|-------------|--------------|--------------------------------|--------------|-------------------------------|
| Range     | 588<br>490                   | 51.4<br>42.0   | 16.2<br>13.2  | 9.5<br>7.5  | 0.63<br>0.37 | 10.0<br>8.6 | 37.5<br>0.0  | 613<br>453                     | 24.8<br>14.8 | 179.4<br>31.6                 |
| Mean      | 539                          | 46.7           | 14.7          | 8.5         | 0.50         | 9.3         | 15.0         | 533                            | 19.8         | 105.5                         |
| Limit [%] | 9.0                          | 10.0           | 10.0          | 12.0        | 25.0         | 7.0         | 150.0        | 15.0                           | 25.3         | 70.0                          |
| Limit [#] | 49                           | 4.7            | 1.5           | 1.0         | 0.13         | 0.7         | 22.5         | 80                             | 5.0          | 73.9                          |

|           | WBC<br>[10 <sup>3</sup> /μL] | WBC-D<br>[10 <sup>3</sup> /μL] | WBC-P<br>[10 <sup>3</sup> /μL] | NEUT#<br>[10 <sup>3</sup> /μL] | LYMPH#<br>[10 <sup>3</sup> /μL] | MONO#<br>[10 <sup>3</sup> /μL] | EO#<br>[10 <sup>3</sup> /μL] | BASO#<br>[10 <sup>3</sup> /μL] | IG#<br>[10 <sup>3</sup> /μL] | NRBC#<br>[10 <sup>3</sup> /μL] |
|-----------|------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|------------------------------|--------------------------------|------------------------------|--------------------------------|
| Range     | 17.46<br>15.32               | 17.79<br>15.61                 | 17.50<br>15.36                 | 9.34<br>6.90                   | 4.66<br>3.10                    | 2.52<br>0.84                   | 2.88<br>0.96                 | 1.41<br>0.17                   | 2.54<br>1.52                 | 1.61<br>0.53                   |
| Mean      | 16.39                        | 16.70                          | 16.43                          | 8.12                           | 3.88                            | 1.68                           | 1.92                         | 0.79                           | 2.03                         | 1.07                           |
| Limit [%] | 6.5                          | 6.5                            | 6.5                            | 15.0                           | 20.0                            | 50.0                           | 50.0                         | 78.0                           | 25.0                         | 50.0                           |
| Limit [#] | 1.07                         | 1.09                           | 1.07                           | 1.22                           | 0.78                            | 0.84                           | 0.96                         | 0.62                           | 0.51                         | 0.54                           |

|           | NEUT%<br>[%] | LYMPH%<br>[%] | MONO%<br>[%] | EO%<br>[%]  | BASO%<br>[%] | IG%<br>[%]  | NRBC%<br>[%] | HPC%<br>[%]  | HPC#<br>[10 <sup>3</sup> /μL] |
|-----------|--------------|---------------|--------------|-------------|--------------|-------------|--------------|--------------|-------------------------------|
| Range     | 56.9<br>42.1 | 28.4<br>19.0  | 15.5<br>5.1  | 17.6<br>5.8 | 8.5<br>1.1   | 15.5<br>9.3 | 9.8<br>3.2   | 1.30<br>0.70 | 0.215<br>0.115                |
| Mean      | 49.5         | 23.7          | 10.3         | 11.7        | 4.8          | 12.4        | 6.5          | 1.00         | 0.165                         |
| Limit [%] | 15.0         | 20.0          | 50.0         | 50.0        | 78.0         | 25.0        | 50.0         | 30.0         | 30.0                          |
| Limit [#] | 7.4          | 4.7           | 5.2          | 5.9         | 3.7          | 3.1         | 3.3          | 0.30         | 0.050                         |

|           | RET#<br>[10 <sup>6</sup> /μL] | RET%<br>[%]  | HFR<br>[%]  | MFR<br>[%]  | LFR<br>[%]    | IRF<br>[%]  | RET-He       |                | RBC-O<br>[10 <sup>6</sup> /μL] | PLT-O<br>[10 <sup>3</sup> /μL] |
|-----------|-------------------------------|--------------|-------------|-------------|---------------|-------------|--------------|----------------|--------------------------------|--------------------------------|
|           |                               |              |             |             |               |             | [pg]         | [fmol]         |                                |                                |
| Range     | 0.0785<br>0.0423              | 1.63<br>0.79 | 16.5<br>0.0 | 53.4<br>0.0 | 102.1<br>36.1 | 66.9<br>0.0 | 28.1<br>22.9 | 1.738<br>1.422 | 5.35<br>4.37                   | 621<br>459                     |
| Mean      | 0.0604                        | 1.21         | 5.5         | 25.4        | 69.1          | 30.9        | 25.5         | 1.580          | 4.86                           | 540                            |
| Limit [%] | 30.0                          | 35.0         | 200.0       | 110.2       | 47.8          | 116.5       | 10.0         | 10.0           | 10.0                           | 15.0                           |
| Limit [#] | 0.0181                        | 0.42         | 11.0        | 28.0        | 33.0          | 36.0        | 2.6          | 0.158          | 0.49                           | 81                             |

|           | RBC-He       |                | HYPO-He<br>[%] | HYPER-He<br>[%] | MicroR<br>[%] | MacroR<br>[%] | AS-LYMP#<br>[10 <sup>3</sup> /μL] | AS-LYMP%<br>[%] | RE-LYMP#<br>[10 <sup>3</sup> /μL] | RE-LYMP%<br>[%] |
|-----------|--------------|----------------|----------------|-----------------|---------------|---------------|-----------------------------------|-----------------|-----------------------------------|-----------------|
|           | [pg]         | [fmol]         |                |                 |               |               |                                   |                 |                                   |                 |
| Range     | 37.0<br>24.6 | 2.292<br>1.528 | 1.4<br>0.0     | 1.8<br>0.0      | 2.9<br>0.3    | 6.2<br>2.6    | 0.99<br>0.33                      | 6.0<br>2.0      | 1.52<br>0.50                      | 9.3<br>3.1      |
| Mean      | 30.8         | 1.910          | 0.4            | 0.8             | 1.6           | 4.4           | 0.66                              | 4.0             | 1.01                              | 6.2             |
| Limit [%] | 20.0         | 20.0           | 245.0          | 125.0           | 80.0          | 40.0          | 50.0                              | 50.0            | 50.0                              | 50.0            |
| Limit [#] | 6.2          | 0.382          | 1.0            | 1.0             | 1.3           | 1.8           | 0.33                              | 2.0             | 0.51                              | 3.1             |

You may find some parameters that are not displayed on your instrument's IPU since their availability depends on the instrument's configuration.  
Please refer to the package insert for the handling procedure for XN CHECK.

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