

|  |  |  |
|--|--|--|
| RoM = robust average                                 | AV = assigned value  | Dmax = acceptable percent difference     |
| SD = standard deviation                              | CRV = certified reference value                                      | LL = lower limit                         |
| CV = coefficient of variation                        | RV = reference value   | UL = upper limit                         |
| Ntot = total number of participants                  | CVE = consensus value from experts                                   | Neva = number of evaluated participants  |
| Nout = number of results excluded before calculation | CVP = consensus value from all participants                          | Nsuc = number of successful participants |
|  | CVPG = consensus value from participants groups                      | Srel = success (relative)                |
|  | U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2) |  |

| Test                                    | [unit]        |       |       |        |                  |                  | Comparability                          |                 |                  |     |       |                  |                  |                  |
|---|---------------|-------|-------|--------|------------------|------------------|--|-----------------|------------------|-----|-------|------------------|------------------|------------------|
|   |               | RoM   | SD    | CV [%] | N <sub>tot</sub> | N <sub>out</sub> | AV                                     | U <sub>AV</sub> | D <sub>max</sub> | LL  | UL    | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(150) WBC</b>                        |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| Samples and groups                      | f.10(exp9)/L  |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 11,6  | 0,42  | 3,7    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| All results (without individual groups) |               | 11,6  | 0,42  | 3,7    | 50               | 0                | CVP                                    | 11,6            | 0,074            | 15% | 9,86  | 13,4             | 50               |                  |
| <b>Sample B</b>                         |               | 2,95  | 0,14  | 4,9    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| All results (without individual groups) |               | 2,95  | 0,14  | 4,9    | 50               | 0                | CVP                                    | 2,91            | 0,021            | 18% | 2,38  | 3,44             | 50               |                  |
| <b>(151) RBC</b>                        |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| Samples and groups                      | f.10(exp12)/L |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 3,32  | 0,053 | 1,6    | 50               |                  | CVP                                    | 3,32            | 0,0100           | 7%  | 3,08  | 3,56             | 50               | 50 100%          |
| All results                             |               | 3,32  | 0,053 | 1,6    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>Sample B</b>                         |               | 4,73  | 0,078 | 1,7    | 50               |                  | CVP                                    | 4,75            | 0,013            | 7%  | 4,41  | 5,09             | 50               | 50 100%          |
| All results                             |               | 4,73  | 0,078 | 1,7    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>(152) Haemoglobin</b>                |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 49               | 98%              |
| Samples and groups                      | [g/L]         |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 88,7  | 1,5   | 1,7    | 50               |                  | CVP                                    | 88,3            | 0,31             | 6%  | 83    | 93,6             | 50               | 50 100%          |
| All results                             |               | 88,7  | 1,5   | 1,7    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>Sample B</b>                         |               | 140   | 1,8   | 1,3    | 50               |                  | CVP                                    | 140             | 0,32             | 6%  | 131   | 149              | 50               | 49 98%           |
| All results                             |               | 140   | 1,8   | 1,3    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>(153) HCT</b>                        |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| Samples and groups                      | [-]           |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 0,250 | 0,011 | 4,2    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| (1) Automate                            |               | 0,250 | 0,01  | 4,1    | 49               | 0                | CVPG                                   | 0,252           | 0,019            | 10% | 0,226 | 0,278            | 49               |                  |
| Other                                   |               |       |       |        | 1                | 0                |  |                 |                  |     |       |                  | 1                |                  |
|   |               |       |       |        |                  |                  | 1x2                                    |                 |                  |     |       |                  |                  |                  |
| <b>Sample B</b>                         |               | 0,388 | 0,015 | 3,7    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| (1) Automate                            |               | 0,389 | 0,014 | 3,7    | 49               | 0                | CVPG                                   | 0,396           | 0,025            | 10% | 0,356 | 0,436            | 49               |                  |
| Other                                   |               |       |       |        | 1                | 0                |  |                 |                  |     |       |                  | 1                |                  |
|   |               |       |       |        |                  |                  | 1x2                                    |                 |                  |     |       |                  |                  |                  |
| <b>(154) MCV</b>                        |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| Samples and groups                      | [fL]          |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 74,9  | 2,7   | 3,6    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| (1) Automate                            |               | 75,0  | 2,6   | 3,5    | 49               | 0                | CVPG                                   | 75,8            | 0,46             | 10% | 68,2  | 83,4             | 49               |                  |
| Other                                   |               |       |       |        | 1                | 0                |  |                 |                  |     |       |                  | 1                |                  |
|   |               |       |       |        |                  |                  | 1x2                                    |                 |                  |     |       |                  |                  |                  |
| <b>Sample B</b>                         |               | 81,9  | 2,4   | 2,9    | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| (1) Automate                            |               | 81,9  | 2,3   | 2,8    | 49               | 0                | CVPG                                   | 83,3            | 0,51             | 10% | 74,9  | 91,7             | 49               |                  |
| Other                                   |               |       |       |        | 1                | 0                |  |                 |                  |     |       |                  | 1                |                  |
|   |               |       |       |        |                  |                  | 1x2                                    |                 |                  |     |       |                  |                  |                  |
| <b>(155) Platelets</b>                  |               |       |       |        | 50               |                  |  |                 |                  |     |       | 50               | 50               | 100%             |
| Samples and groups                      | f.10(exp9)/L  |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 507   | 35    | 7,0    | 50               |                  | CVP                                    | 487             | 7,4              | 20% | 389   | 585              | 50               | 50 100%          |
| All results                             |               | 507   | 35    | 7,0    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>Sample B</b>                         |               | 345   | 24    | 6,9    | 50               |                  | CVP                                    | 338             | 4,6              | 20% | 270   | 406              | 50               | 50 100%          |
| All results                             |               | 345   | 24    | 6,9    | 50               | 0                |  |                 |                  |     |       |                  | 50               |                  |
| <b>(156) RDW</b>                        |               |       |       |        | 42               |                  |  |                 |                  |     |       | 41               | 38               | 93%              |
| Samples and groups                      | [%]           |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 14,5  | 2,5   | 17     | 42               |                  |  |                 |                  |     |       | 41               | 38               | 93%              |
| (749) Sysmex XE, XS, XT series          |               | 16,0  | 0,19  | 1,2    | 18               | 0                | CVPG                                   | 16,1            | 0,11             | 10% | 14,4  | 17,8             | 18               |                  |
| (755) Sysmex KX series                  |               | 11,4  | 0,39  | 3,4    | 14               | 1                | CVPG                                   | 11,4            | 0,23             | 10% | 10,2  | 12,6             | 14               |                  |
| Other                                   |               |       |       |        | 10               | 0                |  |                 |                  |     |       |                  | 9                |                  |
|   |               |       |       |        |                  |                  | 1x 729, 1x 765, 4x 768, 2x 772, 2x 773 |                 |                  |     |       |                  |                  |                  |
| <b>Sample B</b>                         |               | 12,2  | 2,5   | 21     | 42               |                  |  |                 |                  |     |       | 41               | 39               | 95%              |
| (749) Sysmex XE, XS, XT series          |               | 13,8  | 0,18  | 1,3    | 18               | 0                | CVPG                                   | 13,8            | 0,089            | 10% | 12,4  | 15,2             | 18               |                  |
| (755) Sysmex KX series                  |               | 8,98  | 0,26  | 2,9    | 14               | 1                | CVPG                                   | 8,96            | 0,16             | 10% | 8,06  | 9,86             | 14               |                  |
| Other                                   |               |       |       |        | 10               | 0                |  |                 |                  |     |       |                  | 9                |                  |
|   |               |       |       |        |                  |                  | 1x 729, 1x 765, 4x 768, 2x 772, 2x 773 |                 |                  |     |       |                  |                  |                  |
| <b>(157) MPV</b>                        |               |       |       |        | 45               |                  |  |                 |                  |     |       | 45               | 45               | 100%             |
| Samples and groups                      | [fL]          |       |       |        |                  |                  |  |                 |                  |     |       |                  |                  |                  |
| <b>Sample A</b>                         |               | 9,56  | 0,43  | 4,5    | 45               |                  |  |                 |                  |     |       | 45               | 45               | 100%             |
| (63) Sysmex                             |               | 9,58  | 0,38  | 4,0    | 37               | 0                | CVPG                                   | 9,95            | 0,12             | 18% | 8,15  | 11,8             | 37               |                  |
| Other                                   |               |       |       |        | 8                | 0                |  |                 |                  |     |       |                  | 8                |                  |
|   |               |       |       |        |                  |                  | 1x 1, 3x 12, 4x 177                    |                 |                  |     |       |                  |                  |                  |
| <b>Sample B</b>                         |               | 9,56  | 0,34  | 3,6    | 45               |                  |  |                 |                  |     |       | 45               | 45               | 100%             |
| (63) Sysmex                             |               | 9,58  | 0,28  | 2,9    | 37               | 0                | CVPG                                   | 9,73            | 0,074            | 18% | 7,97  | 11,5             | 37               |                  |

| Test                  | [unit] | RoM  | SD   | CV [%] | N <sub>tot</sub> | N <sub>out</sub> | Comparability       |                 |                  |     |      |                  |                  |                  |
|-----------------------|--------|------|------|--------|------------------|------------------|---------------------|-----------------|------------------|-----|------|------------------|------------------|------------------|
|                       |        |      |      |        |                  |                  | AV                  | U <sub>AV</sub> | D <sub>max</sub> | LL  | UL   | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(157) MPV</b>      |        |      |      |        | 45               |                  |                     |                 |                  |     |      | 45               | 45               | 100%             |
| Samples and groups    | [fL]   |      |      |        |                  |                  |                     |                 |                  |     |      |                  |                  |                  |
| <b>Sample B</b>       |        | 9,56 | 0,34 | 3,6    | 45               |                  |                     |                 |                  |     |      | 45               | 45               | 100%             |
| Other                 |        |      |      |        | 8                | 0                |                     |                 |                  |     |      | 8                |                  |                  |
|                       |        |      |      |        |                  |                  | 1x 1, 3x 12, 4x 177 |                 |                  |     |      |                  |                  |                  |
| <b>(158) PDW [%]</b>  |        |      |      |        | 2                |                  |                     |                 |                  |     |      | 2                | 2                | 100%             |
| Samples and groups    | [%]    |      |      |        |                  |                  |                     |                 |                  |     |      |                  |                  |                  |
| <b>Sample A</b>       |        | 13,6 | 0,20 | 1,5    | 2                |                  |                     |                 |                  |     |      | 2                | 2                | 100%             |
| Other                 |        |      |      |        | 2                | 0                |                     |                 |                  |     |      | 2                |                  |                  |
|                       |        |      |      |        |                  |                  | 2x 12               |                 |                  |     |      |                  |                  |                  |
| <b>Sample B</b>       |        | 13,7 | 0,30 | 2,2    | 2                |                  |                     |                 |                  |     |      | 2                | 2                | 100%             |
| Other                 |        |      |      |        | 2                | 0                |                     |                 |                  |     |      | 2                |                  |                  |
|                       |        |      |      |        |                  |                  | 2x 12               |                 |                  |     |      |                  |                  |                  |
| <b>(165) PDW [fL]</b> |        |      |      |        | 36               |                  |                     |                 |                  |     |      | 36               | 36               | 100%             |
| Samples and groups    | [fL]   |      |      |        |                  |                  |                     |                 |                  |     |      |                  |                  |                  |
| <b>Sample A</b>       |        | 8,97 | 0,41 | 4,6    | 36               |                  | CVP                 | 9,13            | 0,10             | 15% | 7,76 | 10,5             | 36               | 36 100%          |
| All results           |        | 8,97 | 0,41 | 4,6    | 36               | 0                |                     |                 |                  |     |      |                  | 36               |                  |
| <b>Sample B</b>       |        | 9,26 | 0,49 | 5,3    | 36               |                  | CVP                 | 9,36            | 0,098            | 15% | 7,95 | 10,8             | 36               | 36 100%          |
| All results           |        | 9,26 | 0,49 | 5,3    | 36               | 0                |                     |                 |                  |     |      |                  | 36               |                  |
| <b>(166) PDW [-]</b>  |        |      |      |        | 3                |                  |                     |                 |                  |     |      | 3                | 3                | 100%             |
| Samples and groups    | [-]    |      |      |        |                  |                  |                     |                 |                  |     |      |                  |                  |                  |
| <b>Sample A</b>       |        | 15,1 | 1,0  | 6,7    | 3                |                  | CVP                 | 15,6            | 0,81             | 15% | 13,2 | 18               | 3                | 3 100%           |
| Other                 |        |      |      |        | 3                | 0                |                     |                 |                  |     |      |                  | 3                |                  |
|                       |        |      |      |        |                  |                  | 3x                  |                 |                  |     |      |                  |                  |                  |
| <b>Sample B</b>       |        | 15,4 | 0,97 | 6,3    | 3                |                  | CVP                 | 15,8            | 0,74             | 15% | 13,4 | 18,2             | 3                | 3 100%           |
| Other                 |        |      |      |        | 3                | 0                |                     |                 |                  |     |      |                  | 3                |                  |
|                       |        |      |      |        |                  |                  | 3x                  |                 |                  |     |      |                  |                  |                  |

st\_kn\_p

End of report

Printed: 02.08.2018