

## Summary statistics - quantitative results

(Groups: system)

Filter: Slovakia, minimal size of groups n = 5

## EQA round: RC1/19 - Reticulocytes (Analyser)

Dead line: 19.04.2019

|  |  |  |
|--|--|--|
| 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 |     |        |                  |                  | 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>(213) Reticulocytes</b>                                      |              |               |     |        | 39               |                  |                |                 |                  |      |     | 39               | 37               | 95%              |
| Samples and groups  | f.10(exp9)/L |               |     |        |                  |                  |                |                 |                  |      |     |                  |                  |                  |
| <b>Sample A</b>   |              | 110           | 20  | 18     | 39               | CVP              | 105            | 2,6             | 45%              | 57,7 | 153 | 39               | 37               | 95%              |
| (749) Sysmex XE, XS, XT series                                  |              | 124           | 16  | 13     | 19               | 0                |                |                 |                  |      |     | 19               |                  |                  |
| (771) MINDRAY BC 6xxx series                                    |              | 81,2          | 30  | 37     | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| (772) Sysmex XN series  |              | 94,7          | 3,4 | 3,6    | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| (773) Beckman Coulter DxH<br>600/800/900, HMX series, LH series |              | 98,1          | 2,9 | 2,9    | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| Other   |              |               |     |        | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
|   |              |               |     |        |                  |                  | 4x 737, 1x 765 |                 |                  |      |     |                  |                  |                  |
| <b>Sample B</b>   |              | 223           | 39  | 17     | 39               | CVP              | 208            | 5,5             | 45%              | 114  | 302 | 39               | 37               | 95%              |
| (749) Sysmex XE, XS, XT series                                  |              | 253           | 25  | 9,8    | 19               | 0                |                |                 |                  |      |     | 19               |                  |                  |
| (771) MINDRAY BC 6xxx series                                    |              | 161           | 58  | 36     | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| (772) Sysmex XN series  |              | 189           | 10  | 5,4    | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| (773) Beckman Coulter DxH<br>600/800/900, HMX series, LH series |              | 202           | 3,1 | 1,5    | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
| Other   |              |               |     |        | 5                | 0                |                |                 |                  |      |     | 5                |                  |                  |
|   |              |               |     |        |                  |                  | 4x 737, 1x 765 |                 |                  |      |     |                  |                  |                  |

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End of report

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