

## Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

## EQA round: RC1/18 - Reticulocytes (Analyser)

Dead line: 20.04.2018

|  |   |  |
|--|---|--|
| 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)                |
|  | $U_{AV}$ = expanded uncertainty of the assigned value (k = 2) |  |

| Test                                   | [unit]        | Comparability |     |        |                  |                  | Comparability                |          |                  |      |     |                  |                  |                  |
|--|---------------|---------------|-----|--------|------------------|------------------|------------------------------|----------|------------------|------|-----|------------------|------------------|------------------|
|  |               | RoM           | SD  | CV [%] | N <sub>tot</sub> | N <sub>out</sub> | AV                           | $U_{AV}$ | D <sub>max</sub> | LL   | UL  | N <sub>eva</sub> | N <sub>suc</sub> | S <sub>rel</sub> |
| <b>(213) Reticulocytes</b>             | f.10(exp9)/L] |               |     |        | 169              |                  |                              |          |                  |      |     | 169              | 169              | 100%             |
| Samples and groups                     |               |               |     |        |                  |                  |                              |          |                  |      |     |                  |                  |                  |
| <b>Sample A</b>                        |               | 111           | 13  | 12     | 169              | CVP              | 111                          | 2,5      | 50%              | 55,5 | 167 | 169              | 169              | 100%             |
| (737) Siemens ADVIA 120, 2120, 2120i   |               | 105           | 15  | 14     | 15               | 0                |                              |          |                  |      |     | 15               |                  |                  |
| (749) Sysmex XE, XS, XT series         |               | 125           | 12  | 9,7    | 40               | 0                |                              |          |                  |      |     | 40               |                  |                  |
| (765) Abbott CELL-DYN Ruby             |               | 126           | 12  | 9,7    | 15               | 0                |                              |          |                  |      |     | 15               |                  |                  |
| (772) Sysmex XN series                 |               | 104           | 5,2 | 5,0    | 70               | 0                |                              |          |                  |      |     | 70               |                  |                  |
| (773) Beckman Coulter DxH 600, DxH 800 |               | 103           | 5,5 | 5,3    | 20               | 0                |                              |          |                  |      |     | 20               |                  |                  |
| Other                                  |               |               |     |        | 9                | 0                |                              |          |                  |      |     | 9                |                  |                  |
|  |               |               |     |        |                  |                  | 2x 0, 3x 719, 1x 763, 3x 771 |          |                  |      |     |                  |                  |                  |
| <b>Sample B</b>                        |               | 217           | 27  | 12     | 169              | CVP              | 217                          | 5,1      | 50%              | 108  | 326 | 169              | 169              | 100%             |
| (737) Siemens ADVIA 120, 2120, 2120i   |               | 198           | 33  | 17     | 15               | 0                |                              |          |                  |      |     | 15               |                  |                  |
| (749) Sysmex XE, XS, XT series         |               | 248           | 22  | 8,7    | 40               | 0                |                              |          |                  |      |     | 40               |                  |                  |
| (765) Abbott CELL-DYN Ruby             |               | 234           | 21  | 8,9    | 15               | 0                |                              |          |                  |      |     | 15               |                  |                  |
| (772) Sysmex XN series                 |               | 204           | 8,7 | 4,3    | 70               | 0                |                              |          |                  |      |     | 70               |                  |                  |
| (773) Beckman Coulter DxH 600, DxH 800 |               | 204           | 9,8 | 4,8    | 20               | 0                |                              |          |                  |      |     | 20               |                  |                  |
| Other                                  |               |               |     |        | 9                | 0                |                              |          |                  |      |     | 9                |                  |                  |
|  |               |               |     |        |                  |                  | 2x 0, 3x 719, 1x 763, 3x 771 |          |                  |      |     |                  |                  |                  |

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End of report

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