

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| | | |
|--|--|--|
| 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 _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (150) WBC | f.10(exp9)/L] | | | | 382 | | | | | | | 382 | 372 | 97% | |
| Sample A | | | | | | CVP | 16 0,076 | 15% | 13,6 | 18,4 | | 382 | 374 | 98% | |
| (718) Beckman Coulter Group 1 | | 16,0 | 0,61 | 3,8 | 382 | | | | | | | | | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 16,1 | 0,59 | 3,7 | 5 | 0 | | | | | | | | 5 | |
| (741) Nihon Kohden Celltac Alfa | | 15,1 | 0,36 | 2,4 | 18 | 0 | | | | | | | | 18 | |
| (743) Nihon Kohden Celltac E, F | | 15,7 | 0,38 | 2,4 | 14 | 0 | | | | | | | | 14 | |
| (748) Sysmex K series | | 15,5 | 0,41 | 2,6 | 18 | 0 | | | | | | | | 18 | |
| (749) Sysmex XE, XS, XT series | | 15,8 | 0,74 | 4,7 | 6 | 0 | | | | | | | | 6 | |
| (755) Sysmex KX series | | 16,1 | 0,51 | 3,1 | 65 | 0 | | | | | | | | 65 | |
| (765) Abbott CELL-DYN Ruby | | 15,6 | 0,39 | 2,5 | 28 | 0 | | | | | | | | 28 | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 16,5 | 0,55 | 3,3 | 26 | 0 | | | | | | | | 26 | |
| (771) MINDRAY BC 6xxx series | | 15,9 | 0,53 | 3,3 | 25 | 0 | | | | | | | | 25 | |
| (772) Sysmex XN series | | 15,9 | 0,84 | 5,3 | 17 | 0 | | | | | | | | 17 | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 15,6 | 0,36 | 2,3 | 5 | 0 | | | | | | | | 5 | |
| (999) another system | | 16,1 | 0,38 | 2,4 | 111 | 0 | | | | | | | | 111 | |
| Other | | 16,4 | 0,35 | 2,1 | 17 | 0 | | | | | | | | 17 | |
| | | 16,7 | 0,82 | 4,9 | 8 | 0 | | | | | | | | 8 | |
| | | | | | 19 | 0 | | | | | | | | 19 | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| Sample B | | 3,08 | 0,13 | 4,3 | 382 | | CVP | 3,08 0,017 | 18% | 2,52 | 3,64 | 382 | 379 | 99% | |
| (718) Beckman Coulter Group 1 | | 3,15 | 0,074 | 2,4 | 5 | 0 | | | | | | | | 5 | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 2,86 | 0,08 | 2,8 | 18 | 0 | | | | | | | | 18 | |
| (741) Nihon Kohden Celltac Alfa | | 3,09 | 0,092 | 3,0 | 14 | 0 | | | | | | | | 14 | |
| (743) Nihon Kohden Celltac E, F | | 3,15 | 0,15 | 4,8 | 18 | 0 | | | | | | | | 18 | |
| (748) Sysmex K series | | 3,05 | 0,074 | 2,4 | 6 | 0 | | | | | | | | 6 | |
| (749) Sysmex XE, XS, XT series | | 3,05 | 0,13 | 4,2 | 65 | 0 | | | | | | | | 65 | |
| (755) Sysmex KX series | | 3,02 | 0,12 | 4,0 | 28 | 0 | | | | | | | | 28 | |
| (765) Abbott CELL-DYN Ruby | | 3,23 | 0,13 | 3,9 | 26 | 0 | | | | | | | | 26 | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 3,14 | 0,17 | 5,3 | 25 | 0 | | | | | | | | 25 | |
| (771) MINDRAY BC 6xxx series | | 3,10 | 0,20 | 6,3 | 17 | 0 | | | | | | | | 17 | |
| (772) Sysmex XN series | | 3,05 | 0,13 | 4,4 | 5 | 0 | | | | | | | | 5 | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 3,08 | 0,079 | 2,6 | 111 | 0 | | | | | | | | 111 | |
| (999) another system | | 3,15 | 0,079 | 2,5 | 17 | 0 | | | | | | | | 17 | |
| Other | | 3,10 | 0,15 | 4,8 | 8 | 0 | | | | | | | | 8 | |
| | | | | | 19 | 0 | | | | | | | | 19 | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| (151) RBC | f.10(exp12)/L] | | | | 382 | | | | | | | 382 | 379 | 99% | |
| Sample A | | | | | | CVP | 4,34 0,011 | 7% | 4,03 | 4,65 | | 382 | 382 | 100% | |
| (718) Beckman Coulter Group 1 | | 4,34 | 0,086 | 2,0 | 382 | | | | | | | | | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 4,29 | 0,052 | 1,2 | 5 | 0 | | | | | | | | 5 | |
| (741) Nihon Kohden Celltac Alfa | | 4,24 | 0,11 | 2,6 | 18 | 0 | | | | | | | | 18 | |
| (743) Nihon Kohden Celltac E, F | | 4,36 | 0,042 | 0,97 | 14 | 0 | | | | | | | | 14 | |
| (748) Sysmex K series | | 4,33 | 0,10 | 2,4 | 18 | 0 | | | | | | | | 18 | |
| (749) Sysmex XE, XS, XT series | | 4,31 | 0,059 | 1,4 | 6 | 0 | | | | | | | | 6 | |
| (755) Sysmex KX series | | 4,35 | 0,067 | 1,5 | 65 | 0 | | | | | | | | 65 | |
| (765) Abbott CELL-DYN Ruby | | 4,28 | 0,078 | 1,8 | 28 | 0 | | | | | | | | 28 | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 4,36 | 0,10 | 2,3 | 26 | 0 | | | | | | | | 26 | |
| (771) MINDRAY BC 6xxx series | | 4,36 | 0,10 | 2,3 | 26 | 0 | | | | | | | | 26 | |
| (772) Sysmex XN series | | 4,41 | 0,13 | 2,9 | 25 | 0 | | | | | | | | 25 | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 4,31 | 0,15 | 3,4 | 17 | 0 | | | | | | | | 17 | |
| (999) another system | | 4,31 | 0,052 | 1,2 | 5 | 0 | | | | | | | | 5 | |
| Other | | 4,37 | 0,055 | 1,3 | 111 | 0 | | | | | | | | 111 | |
| | | 4,33 | 0,079 | 1,8 | 17 | 0 | | | | | | | | 17 | |
| | | 4,32 | 0,17 | 4,0 | 8 | 0 | | | | | | | | 8 | |
| | | | | | 19 | 0 | | | | | | | | 19 | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| Sample B | | 2,00 | 0,047 | 2,3 | 382 | | CVP | 2,0058 | 7% | 1,86 | 2,14 | 382 | 379 | 99% | |
| (718) Beckman Coulter Group 1 | | 2,01 | 0,022 | 1,1 | 5 | 0 | | | | | | | | 5 | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 2,02 | 0,023 | 1,1 | 18 | 0 | | | | | | | | 18 | |
| (741) Nihon Kohden Celltac Alfa | | 2,04 | 0,034 | 1,7 | 14 | 0 | | | | | | | | 14 | |
| (743) Nihon Kohden Celltac E, F | | 2,04 | 0,033 | 1,6 | 18 | 0 | | | | | | | | 18 | |
| (748) Sysmex K series | | 2,00 | 0,045 | 2,2 | 6 | 0 | | | | | | | | 6 | |
| (749) Sysmex XE, XS, XT series | | 2,00 | 0,046 | 2,3 | 65 | 0 | | | | | | | | 65 | |
| (755) Sysmex KX series | | 2,02 | 0,044 | 2,2 | 28 | 0 | | | | | | | | 28 | |
| (765) Abbott CELL-DYN Ruby | | 2,02 | 0,047 | 2,3 | 26 | 0 | | | | | | | | 26 | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 2,04 | 0,043 | 2,1 | 25 | 0 | | | | | | | | 25 | |

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| Test | [unit] | | | | | | Comparability | | | | | | | | |
|---|---------------|-------|-------|--------|------------------|------------------|--|-----------------|------------------|------|-------|------------------|------------------|------------------|--|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (151) RBC | | | | | 382 | | | | | | | 382 | 379 | 99% | |
| Samples and groups | f.10(exp12)/L | | | | | | | | | | | | | | |
| Sample B | | 2,00 | 0,047 | 2,3 | 382 | CVP | 2,0058 | 7% | 1,86 | 2,14 | | 382 | 379 | 99% | |
| (768) MINDRAY BC 5xxx series | | 2,02 | 0,056 | 2,8 | 17 | 0 | | | | | | 17 | | | |
| (771) MINDRAY BC 6xxx series | | 1,98 | 0,03 | 1,5 | 5 | 0 | | | | | | 5 | | | |
| (772) Sysmex XN series | | 1,98 | 0,035 | 1,8 | 111 | 0 | | | | | | 111 | | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 1,98 | 0,032 | 1,6 | 17 | 0 | | | | | | 17 | | | |
| (999) another system | | 1,97 | 0,10 | 5,3 | 8 | 0 | | | | | | 8 | | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| (152) Haemoglobin | | | | | 386 | | | | | | | 386 | 380 | 98% | |
| Samples and groups | [g/L] | | | | | | | | | | | | | | |
| Sample A | | 127 | 2,0 | 1,6 | 386 | CVP | 127 | 0,25 | 6% | 119 | 135 | 386 | 383 | 99% | |
| (718) Beckman Coulter Group 1 | | 126 | 2,2 | 1,8 | 5 | 0 | | | | | | 5 | | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 127 | 1,9 | 1,5 | 18 | 0 | | | | | | 18 | | | |
| (741) Nihon Kohden Celltac Alfa | | 128 | 1,6 | 1,2 | 14 | 0 | | | | | | 14 | | | |
| (743) Nihon Kohden Celltac E, F | | 127 | 1,9 | 1,5 | 18 | 0 | | | | | | 18 | | | |
| (748) Sysmex K series | | 126 | 2,2 | 1,8 | 6 | 0 | | | | | | 6 | | | |
| (749) Sysmex XE, XS, XT series | | 127 | 1,5 | 1,2 | 65 | 0 | | | | | | 65 | | | |
| (755) Sysmex KX series | | 126 | 2,1 | 1,7 | 28 | 0 | | | | | | 28 | | | |
| (765) Abbott CELL-DYN Ruby | | 129 | 2,8 | 2,2 | 26 | 0 | | | | | | 26 | | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 128 | 3,3 | 2,6 | 25 | 0 | | | | | | 25 | | | |
| (768) MINDRAY BC 5xxx series | | 127 | 1,7 | 1,3 | 17 | 0 | | | | | | 17 | | | |
| (771) MINDRAY BC 6xxx series | | 127 | 0,740 | 0,59 | 5 | 0 | | | | | | 5 | | | |
| (772) Sysmex XN series | | 126 | 1,4 | 1,1 | 111 | 0 | | | | | | 111 | | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 125 | 1,5 | 1,2 | 17 | 0 | | | | | | 17 | | | |
| (999) another system | | 129 | 3,0 | 2,4 | 12 | 0 | | | | | | 12 | | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| Sample B | | 56,9 | 1,5 | 2,6 | 386 | CVP | 56,9 | 0,18 | 6% | 53,4 | 60,4 | 386 | 381 | 99% | |
| (718) Beckman Coulter Group 1 | | 56,5 | 0,74 | 1,3 | 5 | 0 | | | | | | 5 | | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 58,3 | 0,98 | 1,7 | 18 | 0 | | | | | | 18 | | | |
| (741) Nihon Kohden Celltac Alfa | | 57,0 | 1,3 | 2,4 | 14 | 0 | | | | | | 14 | | | |
| (743) Nihon Kohden Celltac E, F | | 55,2 | 0,85 | 1,5 | 18 | 0 | | | | | | 18 | | | |
| (748) Sysmex K series | | 56,5 | 0,74 | 1,3 | 6 | 0 | | | | | | 6 | | | |
| (749) Sysmex XE, XS, XT series | | 56,7 | 1,1 | 2,0 | 65 | 0 | | | | | | 65 | | | |
| (755) Sysmex KX series | | 56,4 | 1,4 | 2,5 | 28 | 0 | | | | | | 28 | | | |
| (765) Abbott CELL-DYN Ruby | | 57,9 | 1,1 | 1,8 | 26 | 0 | | | | | | 26 | | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 58,2 | 1,4 | 2,5 | 25 | 0 | | | | | | 25 | | | |
| (768) MINDRAY BC 5xxx series | | 58,8 | 1,3 | 2,2 | 17 | 0 | | | | | | 17 | | | |
| (771) MINDRAY BC 6xxx series | | 57,0 | 0,000 | 0,00 | 5 | 0 | | | | | | 5 | | | |
| (772) Sysmex XN series | | 56,1 | 0,86 | 1,5 | 111 | 0 | | | | | | 111 | | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 56,7 | 0,60 | 1,1 | 17 | 0 | | | | | | 17 | | | |
| (999) another system | | 58,6 | 2,1 | 3,5 | 12 | 0 | | | | | | 12 | | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| (153) HCT | | | | | 381 | | | | | | | 381 | 364 | 96% | |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample A | | 0,355 | 0,018 | 5,1 | 381 | | | | | | | 381 | 371 | 97% | |
| (1) Automate; (718) Beckman Coulter Group 1 | | 0,366 | 0,005 | 1,6 | 5 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 5 | | |
| (1) Automate; (741) Nihon Kohden Celltac Alfa | | 0,374 | 0,012 | 3,2 | 14 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 14 | | |
| (1) Automate; (743) Nihon Kohden Celltac E, F | | 0,368 | 0,007 | 2,1 | 18 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 18 | | |
| (1) Automate; (748) Sysmex K series | | 0,346 | 0,013 | 3,6 | 6 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 6 | | |
| (1) Automate; (749) Sysmex XE, XS, XT series | | 0,356 | 0,007 | 2,1 | 65 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 65 | | |
| (1) Automate; (755) Sysmex KX series | | 0,339 | 0,009 | 2,9 | 28 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 28 | | |
| (1) Automate; (766) MINDRAY BC 2xxx, 3xxx series | | 0,380 | 0,016 | 4,3 | 25 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 25 | | |
| (1) Automate; (768) MINDRAY BC 5xxx series | | 0,377 | 0,013 | 3,5 | 17 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 17 | | |
| (1) Automate; (771) MINDRAY BC 6xxx series | | 0,391 | 0,012 | 3,0 | 5 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 5 | | |
| (1) Automate; (772) Sysmex XN series | | 0,354 | 0,006 | 1,8 | 110 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 110 | | |
| (1) Automate; (773) Beckman Coulter DxH 600, DxH 800 | | 0,372 | 0,006 | 1,7 | 17 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 17 | | |
| (1) Automate; (999) another system | | 0,349 | 0,016 | 4,7 | 8 | 0 | CVPG | 0,359 | ,0019 | 10% | 0,323 | 0,395 | 8 | | |
| (2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i | | 0,312 | 0,01 | 3,3 | 18 | 0 | CVPG | 0,315 | ,0031 | 10% | 0,283 | 0,347 | 18 | | |
| (2) Automate (optical p.); (765) Abbott CELL-DYN Ruby | | 0,315 | 0,009 | 3,0 | 26 | 0 | CVPG | 0,315 | ,0031 | 10% | 0,283 | 0,347 | 26 | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 1/702, 4x 1/703, 2x 1/706, 3x 1/716, 1x 1/719, 1x 1/729, 4x 2/707 | | | | | | | | |
| Sample B | | 0,170 | 0,009 | 5,4 | 381 | | | | | | | 381 | 372 | 98% | |

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| Test | [unit] | | | | | | Comparability | | | | | | N _{eva} | N _{suc} | S _{rel} |
|---|--------|-------|-------|--------|------------------|------------------|---------------|-----------------|------------------|-----|-------|-------|------------------|------------------|--|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | | | | |
| (153) HCT | | | | | 381 | | | | | | | | 381 | 364 | 96% |
| Samples and groups | [-] | | | | | | | | | | | | | | |
| Sample B | | 0,170 | 0,009 | 5,4 | 381 | | | | | | | | 381 | 372 | 98% |
| (1) Automate; (718) Beckman Coulter Group 1 | | 0,175 | 0,003 | 2,1 | 5 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 5 | | |
| (1) Automate; (741) Nihon Kohden Celltac Alfa | | 0,176 | 0,007 | 4,0 | 14 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 14 | | |
| (1) Automate; (743) Nihon Kohden Celltac E, F | | 0,174 | 0,004 | 2,4 | 18 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 18 | | |
| (1) Automate; (748) Sysmex K series | | 0,168 | 0,003 | 1,8 | 6 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 6 | | |
| (1) Automate; (749) Sysmex XE, XS, XT series | | 0,177 | 0,004 | 2,8 | 65 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 65 | | |
| (1) Automate; (755) Sysmex KX series | | 0,168 | 0,005 | 3,0 | 28 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 28 | | |
| (1) Automate; (766) MINDRAY BC 2xxx, 3xxx series | | 0,177 | 0,006 | 3,4 | 25 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 25 | | |
| (1) Automate; (768) MINDRAY BC 5xxx series | | 0,181 | 0,006 | 3,5 | 17 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 17 | | |
| (1) Automate; (771) MINDRAY BC 6xxx series | | 0,184 | 0,003 | 2,0 | 5 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 5 | | |
| (1) Automate; (772) Sysmex XN series | | 0,167 | 0,003 | 2,0 | 110 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 110 | | |
| (1) Automate; (773) Beckman Coulter DxH 600, DxH 800 | | 0,171 | 0,001 | 1,1 | 17 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 17 | | |
| (1) Automate; (999) another system | | 0,163 | 0,003 | 2,3 | 8 | 0 | CVPG | 0,172 | 0 | 10% | 0,154 | 0,19 | 8 | | |
| (2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i | | 0,149 | 0,003 | 2,6 | 18 | 0 | CVPG | 0,15 | 0,0014 | 10% | 0,135 | 0,165 | 18 | | |
| (2) Automate (optical p.); (765) Abbott CELL-DYN Ruby | | 0,150 | 0,002 | 1,8 | 26 | 0 | CVPG | 0,15 | 0,0014 | 10% | 0,135 | 0,165 | 26 | | |
| Other | | | | | 19 | 0 | | | | | | | 19 | | |
| | | | | | | | | | | | | | | | 4x 1/702, 4x 1/703, 2x 1/706, 3x 1/716, 1x 1/719, 1x 1/729, 4x 2/707 |
| (154) MCV | | | | | 382 | | | | | | | | 382 | 374 | 98% |
| Samples and groups | [fL] | | | | | | | | | | | | | | |
| Sample A | | 81,9 | 3,9 | 4,8 | 382 | | | | | | | | 382 | 374 | 98% |
| (1) Automate; (718) Beckman Coulter Group 1 | | 85,0 | 3,0 | 3,6 | 5 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 5 | | |
| (1) Automate; (741) Nihon Kohden Celltac Alfa | | 85,6 | 2,8 | 3,3 | 14 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 14 | | |
| (1) Automate; (743) Nihon Kohden Celltac E, F | | 84,9 | 1,2 | 1,4 | 18 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 18 | | |
| (1) Automate; (748) Sysmex K series | | 79,9 | 1,5 | 1,9 | 6 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 6 | | |
| (1) Automate; (749) Sysmex XE, XS, XT series | | 81,9 | 1,3 | 1,6 | 65 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 65 | | |
| (1) Automate; (755) Sysmex KX series | | 79,2 | 2,1 | 2,7 | 28 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 28 | | |
| (1) Automate; (766) MINDRAY BC 2xxx, 3xxx series | | 86,1 | 2,5 | 2,9 | 25 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 25 | | |
| (1) Automate; (768) MINDRAY BC 5xxx series | | 87,9 | 2,9 | 3,3 | 17 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 17 | | |
| (1) Automate; (771) MINDRAY BC 6xxx series | | 90,6 | 1,9 | 2,0 | 5 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 5 | | |
| (1) Automate; (772) Sysmex XN series | | 81,0 | 1,2 | 1,4 | 111 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 111 | | |
| (1) Automate; (773) Beckman Coulter DxH 600, DxH 800 | | 86,2 | 0,570 | 0,66 | 17 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 17 | | |
| (1) Automate; (999) another system | | 82,4 | 2,4 | 2,9 | 8 | 0 | CVPG | 82,7 | 0,41 | 10% | 74,4 | 91 | 8 | | |
| (2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i | | 74,0 | 2,3 | 3,1 | 18 | 0 | CVPG | 72,9 | 0,74 | 10% | 65,6 | 80,2 | 18 | | |
| (2) Automate (optical p.); (765) Abbott CELL-DYN Ruby | | 72,3 | 1,6 | 2,2 | 26 | 0 | CVPG | 72,9 | 0,74 | 10% | 65,6 | 80,2 | 26 | | |
| Other | | | | | 19 | 0 | | | | | | | 19 | | |
| | | | | | | | | | | | | | | | 4x 1/702, 4x 1/703, 2x 1/706, 3x 1/716, 1x 1/719, 1x 1/729, 4x 2/707 |
| Sample B | | 85,1 | 3,9 | 4,6 | 382 | | | | | | | | 382 | 381 | 100% |
| (1) Automate; (718) Beckman Coulter Group 1 | | 86,0 | 1,3 | 1,5 | 5 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 5 | | |
| (1) Automate; (741) Nihon Kohden Celltac Alfa | | 86,4 | 3,2 | 3,7 | 14 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 14 | | |
| (1) Automate; (743) Nihon Kohden Celltac E, F | | 85,4 | 1,5 | 1,8 | 18 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 18 | | |
| (1) Automate; (748) Sysmex K series | | 84,4 | 1,2 | 1,4 | 6 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 6 | | |
| (1) Automate; (749) Sysmex XE, XS, XT series | | 88,6 | 2,2 | 2,4 | 65 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 65 | | |
| (1) Automate; (755) Sysmex KX series | | 83,3 | 2,9 | 3,4 | 28 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 28 | | |
| (1) Automate; (766) MINDRAY BC 2xxx, 3xxx series | | 86,8 | 2,0 | 2,3 | 25 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 25 | | |
| (1) Automate; (768) MINDRAY BC 5xxx series | | 89,6 | 2,7 | 3,1 | 17 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 17 | | |
| (1) Automate; (771) MINDRAY BC 6xxx series | | 91,3 | 1,8 | 1,9 | 5 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 5 | | |
| (1) Automate; (772) Sysmex XN series | | 84,1 | 1,4 | 1,6 | 111 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 111 | | |
| (1) Automate; (773) Beckman Coulter DxH 600, DxH 800 | | 86,5 | 0,850 | 0,99 | 17 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 17 | | |
| (1) Automate; (999) another system | | 82,5 | 2,3 | 2,8 | 8 | 0 | CVPG | 85,9 | 0,41 | 10% | 77,3 | 94,5 | 8 | | |
| (2) Automate (optical p.); (737) Siemens ADVIA 120, 2120, 2120i | | 73,7 | 2,2 | 3,0 | 18 | 0 | CVPG | 74 | 0,68 | 10% | 66,6 | 81,4 | 18 | | |
| (2) Automate (optical p.); (765) Abbott CELL-DYN Ruby | | 74,2 | 1,8 | 2,5 | 26 | 0 | CVPG | 74 | 0,68 | 10% | 66,6 | 81,4 | 26 | | |
| Other | | | | | 19 | 0 | | | | | | | 19 | | |
| | | | | | | | | | | | | | | | 4x 1/702, 4x 1/703, 2x 1/706, 3x 1/716, 1x 1/719, 1x 1/729, 4x 2/707 |

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| Test | [unit] | | | | | | Comparability | | | | | | N _{eva} | N _{suc} | S _{rel} |
|--|--------------|------|-------|--------|------------------|------------------|--|-----------------|------------------|-----|------|------|------------------|------------------|------------------|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | | | | |
| (155) Platelets | | | | | 382 | | | | | | | | 382 | 366 | 96% |
| Samples and groups | f.10(exp9)/L | | | | | | | | | | | | | | |
| Sample A | | 206 | 10 | 5,1 | 382 | CVP | 206 | 1,3 | 20% | 164 | 248 | 382 | 380 | 99% | |
| (718) Beckman Coulter Group 1 | | 204 | 4,4 | 2,2 | 5 | 0 | | | | | | 5 | | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 199 | 13 | 6,7 | 18 | 0 | | | | | | 18 | | | |
| (741) Nihon Kohden Celltac Alfa | | 219 | 15 | 7,0 | 14 | 0 | | | | | | 14 | | | |
| (743) Nihon Kohden Celltac E, F | | 213 | 13 | 6,1 | 18 | 0 | | | | | | 18 | | | |
| (748) Sysmex K series | | 212 | 9,6 | 4,6 | 6 | 0 | | | | | | 6 | | | |
| (749) Sysmex XE, XS, XT series | | 199 | 12 | 5,9 | 65 | 0 | | | | | | 65 | | | |
| (755) Sysmex KX series | | 212 | 9,4 | 4,4 | 28 | 0 | | | | | | 28 | | | |
| (765) Abbott CELL-DYN Ruby | | 214 | 13 | 5,8 | 26 | 0 | | | | | | 26 | | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 209 | 8,9 | 4,3 | 25 | 0 | | | | | | 25 | | | |
| (768) MINDRAY BC 5xxx series | | 211 | 8,4 | 4,0 | 17 | 0 | | | | | | 17 | | | |
| (771) MINDRAY BC 6xxx series | | 214 | 3,0 | 1,4 | 5 | 0 | | | | | | 5 | | | |
| (772) Sysmex XN series | | 204 | 6,4 | 3,1 | 111 | 0 | | | | | | 111 | | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 204 | 5,8 | 2,8 | 17 | 0 | | | | | | 17 | | | |
| (999) another system | | 201 | 29 | 14 | 8 | 0 | | | | | | 8 | | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 702, 4x 703, 2x 706, 4x 707, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| Sample B | | 43,9 | 4,8 | 11 | 382 | | | | | | | 382 | 367 | 96% | |
| (2) Automat (optical Abbott); (765) Abbott CELL-DYN Ruby | | 53,3 | 7,8 | 15 | 26 | 0 | CVPG | 52,7 | 3,5 | 27% | 38,4 | 67 | 26 | | |
| (718) Beckman Coulter Group 1 | | 49,0 | 1,5 | 3,0 | 5 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 5 | | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 42,1 | 6,0 | 14 | 18 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 18 | | |
| (741) Nihon Kohden Celltac Alfa | | 44,4 | 5,2 | 12 | 14 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 14 | | |
| (743) Nihon Kohden Celltac E, F | | 49,9 | 8,9 | 18 | 18 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 18 | | |
| (748) Sysmex K series | | 43,5 | 5,2 | 12 | 6 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 6 | | |
| (749) Sysmex XE, XS, XT series | | 43,1 | 4,0 | 9,2 | 65 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 65 | | |
| (755) Sysmex KX series | | 40,8 | 5,3 | 13 | 28 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 28 | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 48,9 | 4,3 | 8,7 | 25 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 25 | | |
| (768) MINDRAY BC 5xxx series | | 46,9 | 3,5 | 7,4 | 17 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 17 | | |
| (771) MINDRAY BC 6xxx series | | 47,0 | 1,5 | 3,2 | 5 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 5 | | |
| (772) Sysmex XN series | | 41,4 | 2,4 | 5,9 | 111 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 111 | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 44,5 | 3,5 | 7,8 | 17 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 17 | | |
| (999) another system | | 43,5 | 2,2 | 5,1 | 8 | 0 | CVPG | 43,3 | 0,57 | 27% | 31,6 | 55 | 8 | | |
| Other | | | | | 19 | 0 | | | | | | 19 | | | |
| | | | | | | | 4x 2/707, 4x 702, 4x 703, 2x 706, 3x 716, 1x 719, 1x 729 | | | | | | | | |
| (156) RDW | | | | | 332 | | | | | | | 308 | 300 | 97% | |
| Samples and groups | [%] | | | | | | | | | | | | | | |
| Sample A | | 14,7 | 0,92 | 6,3 | 332 | | | | | | | 308 | 300 | 97% | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 15,7 | 0,43 | 2,7 | 18 | 0 | CVPG | 15,7 | 0,25 | 10% | 14,1 | 17,3 | 18 | | |
| (741) Nihon Kohden Celltac Alfa | | 15,4 | 1,3 | 8,7 | 12 | 0 | CVPG | 15,4 | 0,95 | 10% | 13,8 | 17 | 12 | | |
| (743) Nihon Kohden Celltac E, F | | 15,2 | 0,58 | 3,8 | 16 | 0 | CVPG | 15,2 | 0,36 | 10% | 13,6 | 16,8 | 16 | | |
| (749) Sysmex XE, XS, XT series | | 14,9 | 0,20 | 1,3 | 59 | 0 | CVPG | 14,9 | 0,062 | 10% | 13,4 | 16,4 | 59 | | |
| (755) Sysmex KX series | | 10,9 | 0,51 | 4,7 | 14 | 1 | CVPG | 10,9 | 0,35 | 10% | 9,81 | 12 | 14 | | |
| (765) Abbott CELL-DYN Ruby | | 10,4 | 0,41 | 4,0 | 23 | 0 | CVPG | 10,4 | 0,21 | 10% | 9,36 | 11,5 | 23 | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 14,0 | 1,0 | 7,4 | 22 | 0 | CVPG | 14 | 0,54 | 10% | 12,6 | 15,4 | 22 | | |
| (768) MINDRAY BC 5xxx series | | 14,6 | 0,81 | 5,5 | 13 | 0 | CVPG | 14,6 | 0,55 | 10% | 13,1 | 16,1 | 13 | | |
| (771) MINDRAY BC 6xxx series | | 15,6 | 0,15 | 0,95 | 5 | 0 | CVPG | 15,6 | 0,42 | 10% | 14 | 17,2 | 5 | | |
| (772) Sysmex XN series | | 14,5 | 0,21 | 1,5 | 109 | 0 | CVPG | 14,5 | 0,050 | 10% | 13 | 16 | 109 | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 16,1 | 0,23 | 1,5 | 17 | 0 | CVPG | 16,1 | 0,14 | 10% | 14,4 | 17,8 | 17 | | |
| Other | | | | | 24 | 0 | | | | | | 0 | | | |
| | | | | | | | 3x 702, 3x 703, 2x 706, 1x 707, 3x 716, 3x 718, 1x 719, 1x 729, 4x 748, 3x 999 | | | | | | | | |
| Sample B | | 13,2 | 0,87 | 6,5 | 332 | | | | | | | 308 | 305 | 99% | |
| (737) Siemens ADVIA 120, 2120, 2120i | | 14,5 | 0,30 | 2,1 | 18 | 0 | CVPG | 14,5 | 0,17 | 10% | 13 | 16 | 18 | | |
| (741) Nihon Kohden Celltac Alfa | | 14,3 | 1,2 | 8,7 | 12 | 0 | CVPG | 14,3 | 0,88 | 10% | 12,8 | 15,8 | 12 | | |
| (743) Nihon Kohden Celltac E, F | | 14,3 | 0,49 | 3,4 | 16 | 0 | CVPG | 14,3 | 0,30 | 10% | 12,8 | 15,8 | 16 | | |
| (749) Sysmex XE, XS, XT series | | 13,2 | 0,29 | 2,2 | 59 | 0 | CVPG | 13,2 | 0,093 | 10% | 11,8 | 14,6 | 59 | | |
| (755) Sysmex KX series | | 8,98 | 0,31 | 3,5 | 14 | 1 | CVPG | 8,98 | 0,21 | 10% | 8,08 | 9,88 | 14 | | |
| (765) Abbott CELL-DYN Ruby | | 10,2 | 0,32 | 3,1 | 23 | 0 | CVPG | 10,2 | 0,16 | 10% | 9,18 | 11,3 | 23 | | |
| (766) MINDRAY BC 2xxx, 3xxx series | | 12,6 | 0,69 | 5,5 | 22 | 0 | CVPG | 12,6 | 0,36 | 10% | 11,3 | 13,9 | 22 | | |
| (768) MINDRAY BC 5xxx series | | 13,0 | 0,64 | 4,9 | 13 | 0 | CVPG | 13 | 0,44 | 10% | 11,7 | 14,3 | 13 | | |
| (771) MINDRAY BC 6xxx series | | 13,4 | 0,074 | 0,56 | 5 | 0 | CVPG | 13,4 | 0,21 | 10% | 12 | 14,8 | 5 | | |
| (772) Sysmex XN series | | 13,1 | 0,18 | 1,4 | 109 | 0 | CVPG | 13,1 | 0,042 | 10% | 11,7 | 14,5 | 109 | | |
| (773) Beckman Coulter DxH 600, DxH 800 | | 14,3 | 0,20 | 1,4 | 17 | 0 | CVPG | 14,3 | 0,12 | 10% | 12,8 | 15,8 | 17 | | |
| Other | | | | | 24 | 0 | | | | | | 0 | | | |
| | | | | | | | 3x 702, 3x 703, 2x 706, 1x 707, 3x 716, 3x 718, 1x 719, 1x 729, 4x 748, 3x 999 | | | | | | | | |
| (157) MPV | | | | | 327 | | | | | | | 314 | 306 | 97% | |
| Samples and groups | [fL] | | | | | | | | | | | | | | |
| Sample A | | 9,36 | 0,79 | 8,5 | 327 | | | | | | | 314 | 312 | 99% | |
| (1) Automate; (12) Beckman Coulter; (773) Beckman Coulter DxH 600, DxH 800 | | 8,78 | 0,19 | 2,2 | 17 | 0 | CVPG | 8,71 | 0,13 | 18% | 7,14 | 10,3 | 17 | | |

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| Test | [unit] | | | | | | Comparability | | | | | | | | |
|--|--------|------|------|--------|------------------|------------------|---------------|--|------------------|-----|------|------------------|------------------|------------------|--|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (157) MPV | | | | | 327 | | | | | | | 314 | 306 | 97% | |
| Samples and groups | [fL] | | | | | | | | | | | | | | |
| Sample A | | 9,36 | 0,79 | 8,5 | 327 | | | | | | | 314 | 312 | 99% | |
| (1) Automate; (63) Sysmex; (748) Sysmex K series | | 9,45 | 0,37 | 3,9 | 6 | 0 | CVPG | 9,74 | 0,061 | 18% | 7,98 | 11,5 | | 6 | |
| (1) Automate; (63) Sysmex; (749) Sysmex XE, XS, XT series | | 9,63 | 0,29 | 3,0 | 59 | 0 | CVPG | 9,74 | 0,061 | 18% | 7,98 | 11,5 | | 59 | |
| (1) Automate; (63) Sysmex; (755) Sysmex KX series | | 9,19 | 0,14 | 1,6 | 19 | 0 | CVPG | 9,74 | 0,061 | 18% | 7,98 | 11,5 | | 19 | |
| (1) Automate; (63) Sysmex; (772) Sysmex XN series | | 9,90 | 0,23 | 2,4 | 110 | 0 | CVPG | 9,74 | 0,061 | 18% | 7,98 | 11,5 | | 110 | |
| (1) Automate; (157) Nihon Kohden; (741) Nihon Kohden Celltac Alfa | | 7,61 | 0,88 | 12 | 10 | 0 | CVPG | 7,6 | 0,31 | 18% | 6,23 | 8,97 | | 10 | |
| (1) Automate; (157) Nihon Kohden; (743) Nihon Kohden Celltac E, F | | 7,63 | 0,53 | 6,9 | 14 | 0 | CVPG | 7,6 | 0,31 | 18% | 6,23 | 8,97 | | 14 | |
| (1) Automate; (177) MINDRAY; (766) MINDRAY BC 2xxx, 3xxx series | | 8,98 | 0,53 | 5,9 | 21 | 0 | CVPG | 9,01 | 0,26 | 18% | 7,38 | 10,7 | | 21 | |
| (1) Automate; (177) MINDRAY; (768) MINDRAY BC 5xxx series | | 8,72 | 0,70 | 8,1 | 13 | 0 | CVPG | 9,01 | 0,26 | 18% | 7,38 | 10,7 | | 13 | |
| (1) Automate; (177) MINDRAY; (771) MINDRAY BC 6xxx series | | 9,80 | 0,00 | 0,00 | 5 | 0 | CVPG | 9,01 | 0,26 | 18% | 7,38 | 10,7 | | 5 | |
| (1) Automate; (179) Siemens (Bayer); (737) Siemens ADVIA 120, 2120, 2120i | | 10,4 | 0,71 | 6,8 | 15 | 0 | CVPG | 10,4 | 0,45 | 18% | 8,52 | 12,3 | | 15 | |
| (2) Automat (optical Abbott); (1) Abbott; (765) Abbott CELL-DYN Ruby | | 4,46 | 0,40 | 9,0 | 18 | 0 | CVPG | 4,49 | 0,24 | 18% | 3,68 | 5,3 | | 18 | |
| Other | | | | | 20 | 0 | | | | | | | | 7 | |
| | | | | | | | | 3x 1/1/702, 3x 1/12/718, 1x 1/12/719, 1x 1/12/729, 1x 1/63/999, 1x 1/199/741, 3x 1/204/716, 2x 1/205/706, 1x 1/999/999, 1x 2/1/707, 3x 179/703 | | | | | | | |
| Sample B | | 9,28 | 1,2 | 12 | 327 | | | | | | | 314 | 306 | 97% | |
| (1) Automate; (12) Beckman Coulter; (773) Beckman Coulter DxH 600, DxH 800 | | 8,74 | 0,26 | 3,0 | 17 | 0 | CVPG | 8,58 | 0,23 | 18% | 7,03 | 10,2 | | 17 | |
| (1) Automate; (63) Sysmex; (748) Sysmex K series | | 9,00 | 0,30 | 3,3 | 6 | 0 | CVPG | 9,8 | 0,11 | 18% | 8,03 | 11,6 | | 6 | |
| (1) Automate; (63) Sysmex; (749) Sysmex XE, XS, XT series | | 9,45 | 0,41 | 4,4 | 59 | 0 | CVPG | 9,8 | 0,11 | 18% | 8,03 | 11,6 | | 59 | |
| (1) Automate; (63) Sysmex; (755) Sysmex KX series | | 8,93 | 0,35 | 3,9 | 19 | 0 | CVPG | 9,8 | 0,11 | 18% | 8,03 | 11,6 | | 19 | |
| (1) Automate; (63) Sysmex; (772) Sysmex XN series | | 10,2 | 0,40 | 3,9 | 110 | 0 | CVPG | 9,8 | 0,11 | 18% | 8,03 | 11,6 | | 110 | |
| (1) Automate; (157) Nihon Kohden; (741) Nihon Kohden Celltac Alfa | | 7,50 | 0,76 | 10 | 10 | 0 | CVPG | 7,37 | 0,27 | 18% | 6,04 | 8,7 | | 10 | |
| (1) Automate; (157) Nihon Kohden; (743) Nihon Kohden Celltac E, F | | 7,33 | 0,50 | 6,9 | 14 | 0 | CVPG | 7,37 | 0,27 | 18% | 6,04 | 8,7 | | 14 | |
| (1) Automate; (177) MINDRAY; (766) MINDRAY BC 2xxx, 3xxx series | | 8,89 | 0,69 | 7,7 | 21 | 0 | CVPG | 8,8 | 0,31 | 18% | 7,21 | 10,4 | | 21 | |
| (1) Automate; (177) MINDRAY; (768) MINDRAY BC 5xxx series | | 8,31 | 0,61 | 7,4 | 13 | 0 | CVPG | 8,8 | 0,31 | 18% | 7,21 | 10,4 | | 13 | |
| (1) Automate; (177) MINDRAY; (771) MINDRAY BC 6xxx series | | 9,70 | 0,30 | 3,1 | 5 | 0 | CVPG | 8,8 | 0,31 | 18% | 7,21 | 10,4 | | 5 | |
| (1) Automate; (179) Siemens (Bayer); (737) Siemens ADVIA 120, 2120, 2120i | | 10,8 | 0,84 | 7,7 | 15 | 0 | CVPG | 10,8 | 0,53 | 18% | 8,85 | 12,8 | | 15 | |
| (2) Automat (optical Abbott); (1) Abbott; (765) Abbott CELL-DYN Ruby | | 5,20 | 0,73 | 14 | 18 | 0 | CVPG | 5,26 | 0,43 | 18% | 4,31 | 6,21 | | 18 | |
| Other | | | | | 20 | 0 | | | | | | | | 7 | |
| | | | | | | | | 3x 1/1/702, 3x 1/12/718, 1x 1/12/719, 1x 1/12/729, 1x 1/63/999, 1x 1/199/741, 3x 1/204/716, 2x 1/205/706, 1x 1/999/999, 1x 2/1/707, 3x 179/703 | | | | | | | |
| (158) PDW [%] | | | | | 62 | | | | | | | 55 | 53 | 96% | |
| Samples and groups | [%] | | | | | | | | | | | | | | |
| Sample A | | 18,2 | 2,0 | 11 | 62 | | | | | | | 55 | 54 | 98% | |
| (12) Beckman Coulter; (773) Beckman Coulter DxH 600, DxH 800 | | 17,1 | 0,16 | 0,95 | 17 | 0 | CVPG | 17,1 | 0,10 | 15% | 14,5 | 19,7 | | 17 | |
| (157) Nihon Kohden; (741) Nihon Kohden Celltac Alfa | | 17,8 | 0,83 | 4,7 | 10 | 0 | CVPG | 17,6 | 0,29 | 15% | 14,9 | 20,3 | | 10 | |
| (157) Nihon Kohden; (743) Nihon Kohden Celltac E, F | | 17,5 | 0,56 | 3,2 | 13 | 0 | CVPG | 17,6 | 0,29 | 15% | 14,9 | 20,3 | | 13 | |
| (179) Siemens (Bayer); (737) Siemens ADVIA 120, 2120, 2120i | | 45,2 | 3,9 | 8,6 | 10 | 0 | CVPG | 43,4 | 3,4 | 15% | 36,8 | 50 | | 10 | |
| Other | | | | | 12 | 0 | | | | | | | | 5 | |
| | | | | | | | | 1x 12/719, 1x 12/729, 3x 179/703, 1x 199/741, 3x 204/716, 2x 205/706, 1x 999/999 | | | | | | | |
| Sample B | | 19,0 | 2,1 | 11 | 62 | | | | | | | 55 | 53 | 96% | |
| (12) Beckman Coulter; (773) Beckman Coulter DxH 600, DxH 800 | | 17,9 | 0,46 | 2,6 | 17 | 0 | CVPG | 17,9 | 0,25 | 15% | 15,2 | 20,6 | | 17 | |
| (157) Nihon Kohden; (741) Nihon Kohden Celltac Alfa | | 18,6 | 0,50 | 2,7 | 10 | 0 | CVPG | 18,4 | 0,22 | 15% | 15,6 | 21,2 | | 10 | |
| (157) Nihon Kohden; (743) Nihon Kohden Celltac E, F | | 18,3 | 0,43 | 2,3 | 13 | 0 | CVPG | 18,4 | 0,22 | 15% | 15,6 | 21,2 | | 13 | |
| (179) Siemens (Bayer); (737) Siemens ADVIA 120, 2120, 2120i | | 49,2 | 3,1 | 6,3 | 10 | 0 | CVPG | 46,7 | 4,2 | 15% | 39,6 | 53,8 | | 10 | |
| Other | | | | | 12 | 0 | | | | | | | | 5 | |
| | | | | | | | | 1x 12/719, 1x 12/729, 3x 179/703, 1x 199/741, 3x 204/716, 2x 205/706, 1x 999/999 | | | | | | | |
| (165) PDW [fL] | | | | | 193 | | | | | | | 193 | 181 | 94% | |
| Samples and groups | [fL] | | | | | | | | | | | | | | |
| Sample A | | 11,1 | 0,56 | 5,1 | 193 | | CVP | 11,1 | 0,099 | 15% | 9,43 | 12,8 | | 193 | |
| (748) Sysmex K series | | 12,6 | 1,2 | 9,4 | 6 | 0 | | | | | | | | 6 | |

Summary statistics - quantitative results

(Groups: system)

Filter: minimal size of groups n = 5

EQA round: KO2/18 - Blood Count

Dead line: 07.06.2018

| Test | [unit] | RoM | SD | CV [%] | N _{tot} | N _{out} | Comparability | | | | | | | | |
|---|--------|------|------|--------|------------------|------------------|---------------|-----------------|------------------|-----|------|------------------|------------------|------------------|------|
| | | | | | | | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (165) PDW [fL] | | | | | 193 | | | | | | | 193 | 181 | 94% | |
| Samples and groups | | [fL] | | | | | | | | | | | | | |
| Sample A | | 11,1 | 0,56 | 5,1 | 193 | | CVP | 11,1 | 0,099 | 15% | 9,43 | 12,8 | 193 | 191 | 99% |
| (749) Sysmex XE, XS, XT series | | 11,0 | 0,53 | 4,8 | 58 | 0 | | | | | | | 58 | | |
| (755) Sysmex KX series | | 11,9 | 0,44 | 3,7 | 19 | 0 | | | | | | | 19 | | |
| (772) Sysmex XN series | | 11,0 | 0,44 | 4,0 | 109 | 0 | | | | | | | 109 | | |
| Other | | | | | 1 | 0 | | | | | | | 1 | | |
| | | | | | | | 1x 999 | | | | | | | | |
| Sample B | | 10,4 | 0,81 | 7,8 | 193 | | CVP | 10,4 | 0,14 | 15% | 8,84 | 12 | 193 | 181 | 94% |
| (748) Sysmex K series | | 11,4 | 1,9 | 17 | 6 | 0 | | | | | | | 6 | | |
| (749) Sysmex XE, XS, XT series | | 10,2 | 0,82 | 8,0 | 58 | 0 | | | | | | | 58 | | |
| (755) Sysmex KX series | | 11,3 | 0,89 | 7,9 | 19 | 0 | | | | | | | 19 | | |
| (772) Sysmex XN series | | 10,3 | 0,68 | 6,6 | 109 | 0 | | | | | | | 109 | | |
| Other | | | | | 1 | 0 | | | | | | | 1 | | |
| | | | | | | | 1x 999 | | | | | | | | |
| (166) PDW [-] | | | | | 49 | | | | | | | | 49 | 49 | 100% |
| Samples and groups | | [-] | | | | | | | | | | | | | |
| Sample A | | 16,4 | 0,80 | 4,9 | 49 | | | | | | | | 49 | 49 | 100% |
| (1) Abbott; (765) Abbott CELL-DYN Ruby | | 17,7 | 0,89 | 5,0 | 14 | 0 | CVPG | 17,7 | 0,58 | 15% | 15 | 20,4 | 14 | | |
| (177) MINDRAY; (766) MINDRAY BC 2xxx, 3xxx series | | 15,8 | 0,26 | 1,6 | 19 | 0 | CVPG | 15,9 | 0,13 | 15% | 13,5 | 18,3 | 19 | | |
| (177) MINDRAY; (768) MINDRAY BC 5xxx series | | 16,3 | 0,37 | 2,2 | 12 | 0 | CVPG | 15,9 | 0,13 | 15% | 13,5 | 18,3 | 12 | | |
| Other | | | | | 4 | 0 | | | | | | | 4 | | |
| | | | | | | | 4x 177/771 | | | | | | | | |
| Sample B | | 17,1 | 1,4 | 8,0 | 49 | | | | | | | | 49 | 49 | 100% |
| (1) Abbott; (765) Abbott CELL-DYN Ruby | | 19,5 | 1,5 | 7,8 | 14 | 0 | CVPG | 19,5 | 1,0 | 15% | 16,5 | 22,5 | 14 | | |
| (177) MINDRAY; (766) MINDRAY BC 2xxx, 3xxx series | | 16,0 | 0,30 | 1,9 | 19 | 0 | CVPG | 16,4 | 0,24 | 15% | 13,9 | 18,9 | 19 | | |
| (177) MINDRAY; (768) MINDRAY BC 5xxx series | | 17,0 | 0,48 | 2,8 | 12 | 0 | CVPG | 16,4 | 0,24 | 15% | 13,9 | 18,9 | 12 | | |
| Other | | | | | 4 | 0 | | | | | | | 4 | | |
| | | | | | | | 4x 177/771 | | | | | | | | |

st_kn_p

End of report

Printed: 13.06.2018