

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: CRP3/17 - C-Reactive Protein

Dead line: 15.09.2017

| | | |
|--|--|--|
| 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 | | | | | | | | | | | | | |
|---------------------------------|--------|---------------|-----|--------|------------------|------------------|--|-----------------|------------------|------|------|------------------|------------------|------------------|--|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (100) C-reactive protein | | | | | 307 | | | | | | | 307 | 305 | 99% | |
| Samples and groups | [mg/L] | | | | | | | | | | | | | | |
| Sample A | | 77,8 | 6,9 | 8,9 | 307 | CVP | 77,8 | 0,96 | 24% | 59,1 | 96,5 | 307 | 305 | 99% | |
| (1) Abbott | | 78,6 | 4,4 | 5,7 | 32 | 0 | | | | | | 32 | | | |
| (12) Beckman Coulter | | 81,4 | 3,7 | 4,5 | 21 | 0 | | | | | | 21 | | | |
| (46) Erba Lachema | | 81,2 | 4,7 | 5,8 | 5 | 0 | | | | | | 5 | | | |
| (49) BioVendor | | 80,6 | 6,4 | 7,9 | 11 | 0 | | | | | | 11 | | | |
| (58) Beckman Coulter (Olympus) | | 84,2 | 3,8 | 4,5 | 60 | 0 | | | | | | 60 | | | |
| (60) Roche | | 72,5 | 3,5 | 4,8 | 96 | 0 | | | | | | 96 | | | |
| (149) Siemens (Dade) | | 75,1 | 3,2 | 4,3 | 20 | 0 | | | | | | 20 | | | |
| (177) MINDRAY | | 72,3 | 3,9 | 5,3 | 5 | 0 | | | | | | 5 | | | |
| (178) DiaSys | | 76,3 | 5,4 | 7,1 | 11 | 0 | | | | | | 11 | | | |
| (179) Siemens (Bayer) | | 81,4 | 3,4 | 4,2 | 25 | 0 | | | | | | 25 | | | |
| Other | | | | | 21 | 0 | | | | | | 21 | | | |
| | | | | | | | 1x 36, 1x 40, 2x 57, 1x 61, 4x 70, 1x 75, 3x 116, 1x 121, 4x 152, 1x 158, 2x 166 | | | | | | | | |
| Sample B | | 43,8 | 3,7 | 8,5 | 307 | CVP | 43,8 | 0,52 | 24% | 33,2 | 54,4 | 307 | 306 | 100% | |
| (1) Abbott | | 45,4 | 2,2 | 4,8 | 32 | 0 | | | | | | 32 | | | |
| (12) Beckman Coulter | | 45,5 | 2,4 | 5,2 | 21 | 0 | | | | | | 21 | | | |
| (46) Erba Lachema | | 45,2 | 2,0 | 4,4 | 5 | 0 | | | | | | 5 | | | |
| (49) BioVendor | | 44,7 | 2,6 | 5,9 | 11 | 0 | | | | | | 11 | | | |
| (58) Beckman Coulter (Olympus) | | 47,1 | 1,9 | 4,0 | 60 | 0 | | | | | | 60 | | | |
| (60) Roche | | 41,0 | 2,4 | 5,7 | 96 | 0 | | | | | | 96 | | | |
| (149) Siemens (Dade) | | 41,3 | 2,2 | 5,4 | 20 | 0 | | | | | | 20 | | | |
| (177) MINDRAY | | 39,5 | 2,6 | 6,6 | 5 | 0 | | | | | | 5 | | | |
| (178) DiaSys | | 43,6 | 2,4 | 5,5 | 11 | 0 | | | | | | 11 | | | |
| (179) Siemens (Bayer) | | 45,8 | 1,2 | 2,5 | 25 | 0 | | | | | | 25 | | | |
| Other | | | | | 21 | 0 | | | | | | 21 | | | |
| | | | | | | | 1x 36, 1x 40, 2x 57, 1x 61, 4x 70, 1x 75, 3x 116, 1x 121, 4x 152, 1x 158, 2x 166 | | | | | | | | |

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End of report

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