# Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of groups n = 5

## EQA round: BIL1/19 - Bilirubin Neonatal

Dead line: 22.02.2019

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

| Test | [unit] | RoM | SD | CV [%] | $N_{tot}$ | $N_{out}$ | Comparability AV | $U_{AV}$ | $D_{max}$ | LL | UL | $N_{eva}$ | $N_{suc}$ | $S_{rel}$ | Traceability AV | $U_{AV}$ | $D_{max}$ | LL | UL | $N_{eva}$ | $N_{suc}$ | $S_{rel}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **(215) Bilirubin total** | [µmol/L] | | | | 143 | | | | | | | 0 | | | | | | | | 143 | 141 | 99% |
| Samples and groups | | | | | | | | | | | | | | | | | | | | | | |
| **Sample A** | | 83,0 | 5,0 | 6,1 | 143 | | | | | | | 0 | | | CRV 81,9 | 1,8 | 20% | 65,5 | 98,3 | 143 | 142 | 99% |
| (1) Jendrassik - Gróf | | 83,1 | 3,5 | 4,2 | 15 | 0 | | | | | | | | | | | | | | 15 | | |
| (2) DCA, DPD | | 81,7 | 4,3 | 5,2 | 105 | 0 | | | | | | | | | | | | | | 105 | | |
| (3) Direct spectrophotometry | | 86,2 | 3,3 | 3,8 | 5 | 0 | | | | | | | | | | | | | | 5 | | |
| (7) Oxidation-reduction methods | | 90,2 | 2,3 | 2,6 | 16 | 0 | | | | | | | | | | | | | | 16 | | |
| Other | | | | | 2 | 0 | | | | | | | | | | | | | | 2 | | |
| | | | | | | | | | | | | | | | 1x 5, 1x 6 | | | | | | | |
| **Sample B** | | 261 | 18 | 6,7 | 143 | | | | | | | 0 | | | CRV 256 | 5,6 | 20% | 204 | 308 | 143 | 142 | 99% |
| (1) Jendrassik - Gróf | | 263 | 9,2 | 3,5 | 15 | 0 | | | | | | | | | | | | | | 15 | | |
| (2) DCA, DPD | | 256 | 14 | 5,4 | 105 | 0 | | | | | | | | | | | | | | 105 | | |
| (3) Direct spectrophotometry | | 272 | 18 | 6,5 | 5 | 0 | | | | | | | | | | | | | | 5 | | |
| (7) Oxidation-reduction methods | | 293 | 8,7 | 3,0 | 16 | 0 | | | | | | | | | | | | | | 16 | | |
| Other | | | | | 2 | 0 | | | | | | | | | | | | | | 2 | | |
| | | | | | | | | | | | | | | | 1x 5, 1x 6 | | | | | | | |



End of report

Printed: 02.03.2019