

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: CRP3/18 - C-Reactive Protein

Dead line: 31.08.2018

| | | |
|--|---|--|
| 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 | | | | | | | | | | | | |
|---------------------------------|--------|---------------|------|--------|------------------|------------------|------|----------|------------------|------|------|------------------|------------------|------------------|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U_{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} |
| (100) C-reactive protein | | | | | 45 | | | | | | | 45 | 45 | 100% |
| Samples and groups | [mg/L] | | | | | | | | | | | | | |
| Sample A | | 7,99 | 0,82 | 10 | 45 | CVP | 7,97 | 0,13 | 24% | 6,05 | 9,89 | 45 | 45 | 100% |
| (2) Immunoturbidimetry | | 7,97 | 0,88 | 11 | 40 | 0 | | | | | | 40 | | |
| (3) Immunonephelometry | | 8,10 | 0,15 | 1,8 | 5 | 0 | | | | | | 5 | | |
| Sample B | | 36,0 | 2,1 | 5,7 | 45 | CVP | 35,6 | 0,38 | 24% | 27 | 44,2 | 45 | 45 | 100% |
| (2) Immunoturbidimetry | | 36,1 | 2,2 | 6,2 | 40 | 0 | | | | | | 40 | | |
| (3) Immunonephelometry | | 35,3 | 0,74 | 2,1 | 5 | 0 | | | | | | 5 | | |

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End of report

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