

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: TIE2/21 - Allergy Control Scheme (Total IgE)

Deadline: 24.09.2021

| | | |
|--|--|--|
| 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 the 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} |
| (280) Total IgE | | | | | 158 | | | | | | | 158 | 153 | 97% |
| Samples and groups | [kU/L] | | | | | | | | | | | | | |
| Sample A | | 3,82 | 2,3 | 61 | 158 | CVP | 3,82 | 0,46 | asym. | 1 | 30 | 158 | 155 | 98% |
| (3) FIA (FEIA, TRACE) | | 2,48 | 0,41 | 17 | 15 | 1 | | | | | | 15 | | |
| (4) LIA (CLIA, CMIA, ECLIA, LOCI) | | 2,51 | 0,61 | 24 | 86 | 0 | | | | | | 86 | | |
| (6) IMT, IMN | | 9,63 | 6,6 | 68 | 53 | 2 | | | | | | 53 | | |
| Other | | | | | 4 | 0 | | | | | | 4 | | |
| | | | | | | | 2x 2, 2x 99 | | | | | | | |
| Sample B | | 385 | 38 | 9,9 | 158 | CVP | 385 | 7,4 | 25% | 288 | 482 | 158 | 156 | 99% |
| (3) FIA (FEIA, TRACE) | | 369 | 25 | 6,8 | 15 | 0 | | | | | | 15 | | |
| (4) LIA (CLIA, CMIA, ECLIA, LOCI) | | 398 | 34 | 8,4 | 86 | 0 | | | | | | 86 | | |
| (6) IMT, IMN | | 371 | 34 | 9,2 | 53 | 0 | | | | | | 53 | | |
| Other | | | | | 4 | 0 | | | | | | 4 | | |
| | | | | | | | 2x 2, 2x 99 | | | | | | | |

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End of report

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