

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of the groups n = 5

EQA round: KD4/20 - Glycated Haemoglobin

Deadline: 04.12.2020

| | | |
|--|--|--|
| 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} |
| (220) Haemoglobin A1c | | | | | 24 | | | | | | 24 | 20 | 83% | |
| Samples and groups | [mmol/mol] | | | | | | | | | | | | | |
| Sample A | | 34,5 | 2,7 | 7,9 | 24 | CVP | 33,6 | 0,53 | 14% | 28,8 | 38,4 | 24 | 20 | 83% |
| (1) HPLC, LC | | 35,0 | 2,1 | 5,9 | 13 | | | | | | | 13 | | |
| (4) Immunochemical meth. | | 33,8 | 4,1 | 12 | 11 | | | | | | | 11 | | |
| Sample B | | 75,6 | 3,1 | 4,1 | 24 | CVP | 73,5 | 1,0 | 12% | 64,6 | 82,4 | 24 | 22 | 92% |
| (1) HPLC, LC | | 75,0 | 1,7 | 2,2 | 13 | | | | | | | 13 | | |
| (4) Immunochemical meth. | | 76,3 | 4,2 | 5,4 | 11 | | | | | | | 11 | | |

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End of report

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