

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: KD1/18 - Glycated Haemoglobin

Dead line: 23.03.2018

| | | |
|--|--|--|
| 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 | | | | | Comparability | | | | | | | | |
|------------------------------|------------|---------------|-----|--------|------------------|------------------|--|-----------------|------------------|------|------|------------------|------------------|------------------|--|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | AV | U _{AV} | D _{max} | LL | UL | N _{eva} | N _{suc} | S _{rel} | |
| (220) Haemoglobin A1c | | | | | 209 | | | | | | | 209 | 207 | 99% | |
| Samples and groups | [mmol/mol] | | | | | | | | | | | | | | |
| Sample A | | 45,2 | 1,9 | 4,2 | 209 | CVP | 45,2 | 0,32 | 14% | 38,8 | 51,6 | 209 | 207 | 99% | |
| (14) Bio-Rad | | 44,5 | 2,0 | 4,5 | 61 | | | | | | | 61 | | | |
| (25) TOSOH | | 45,5 | 1,4 | 3,2 | 68 | | | | | | | 68 | | | |
| (60) Roche | | 46,5 | 2,2 | 4,7 | 17 | | | | | | | 17 | | | |
| (150) Arkray | | 45,1 | 1,5 | 3,3 | 43 | | | | | | | 43 | | | |
| Other | | | | | 20 | | | | | | | 20 | | | |
| | | | | | | | 1x 0, 4x 1, 1x 29, 2x 34, 3x 46, 1x 50, 3x 58, 1x 81, 2x 149, 1x 177, 1x 999 | | | | | | | | |
| Sample B | | 57,9 | 2,1 | 3,7 | 209 | CVP | 57,9 | 0,36 | 14% | 49,7 | 66,1 | 209 | 208 | 100% | |
| (14) Bio-Rad | | 57,3 | 1,9 | 3,3 | 61 | | | | | | | 61 | | | |
| (25) TOSOH | | 57,9 | 1,5 | 2,6 | 68 | | | | | | | 68 | | | |
| (60) Roche | | 60,1 | 2,9 | 4,8 | 17 | | | | | | | 17 | | | |
| (150) Arkray | | 57,6 | 2,5 | 4,3 | 43 | | | | | | | 43 | | | |
| Other | | | | | 20 | | | | | | | 20 | | | |
| | | | | | | | 1x 0, 4x 1, 1x 29, 2x 34, 3x 46, 1x 50, 3x 58, 1x 81, 2x 149, 1x 177, 1x 999 | | | | | | | | |

st_kn_p

End of report

Printed: 04.04.2018