

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: SED2/21 - Erythrocyte Sedimentation Rate

Deadline: 17.09.2021

| | | |
|--|--|--|
| 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} |
| (541) Erythrocyte sedimentation (1 h) | [mm/1hour] | | | | 77 | | | | | | | 77 | 70 | 91% |
| Samples and groups | | | | | | | | | | | | | | |
| Sample A | | 2,51 | 0,88 | 35 | 77 | CVP | 2,51 | 0,24 | asym. | 0 | 6 | 77 | 76 | 99% |
| (0) not specified | | 2,00 | 0,00 | 0,00 | 9 | 0 | | | | | | 9 | | |
| (88) Becton Dickinson | | 2,25 | 0,60 | 27 | 15 | 0 | | | | | | 15 | | |
| (121) Greiner | | 2,00 | 0,00 | 0,00 | 19 | 0 | | | | | | 19 | | |
| (123) Sarstedt | | 3,53 | 1,3 | 36 | 17 | 0 | | | | | | 17 | | |
| (999) another manufacturer | | 2,82 | 1,0 | 36 | 15 | 0 | | | | | | 15 | | |
| Other | | | | | 2 | 0 | | | | | | 2 | | |
| | | | | | | | 1x 5, 1x 998 | | | | | | | |
| Sample B | | 64,6 | 16 | 25 | 77 | CVP | 64,6 | 4,5 | asym. | 32 | 97 | 77 | 70 | 91% |
| (0) not specified | | 58,5 | 17 | 29 | 9 | 0 | | | | | | 9 | | |
| (88) Becton Dickinson | | 64,2 | 16 | 24 | 15 | 0 | | | | | | 15 | | |
| (121) Greiner | | 65,1 | 10 | 15 | 19 | 0 | | | | | | 19 | | |
| (123) Sarstedt | | 78,8 | 6,0 | 7,6 | 17 | 0 | | | | | | 17 | | |
| (999) another manufacturer | | 44,7 | 31 | 69 | 15 | 0 | | | | | | 15 | | |
| Other | | | | | 2 | 0 | | | | | | 2 | | |
| | | | | | | | 1x 5, 1x 998 | | | | | | | |
| (542) Erythrocyte sedimentation (2 h) | [mm/2hours] | | | | 76 | | | | | | | 76 | 67 | 88% |
| Samples and groups | | | | | | | | | | | | | | |
| Sample A | | 5,60 | 1,8 | 32 | 76 | CVP | 5,6 | 0,51 | asym. | 1 | 10 | 76 | 71 | 93% |
| (0) not specified | | 4,91 | 1,5 | 30 | 10 | 0 | | | | | | 10 | | |
| (88) Becton Dickinson | | 5,36 | 1,6 | 29 | 15 | 0 | | | | | | 15 | | |
| (121) Greiner | | 4,77 | 1,1 | 23 | 18 | 0 | | | | | | 18 | | |
| (123) Sarstedt | | 6,74 | 1,9 | 28 | 17 | 0 | | | | | | 17 | | |
| (999) another manufacturer | | 6,94 | 3,4 | 50 | 14 | 0 | | | | | | 14 | | |
| Other | | | | | 2 | 0 | | | | | | 2 | | |
| | | | | | | | 1x 5, 1x 998 | | | | | | | |
| Sample B | | 101 | 24 | 24 | 76 | CVP | 101 | 6,7 | asym. | 50 | 152 | 76 | 70 | 92% |
| (0) not specified | | 98,3 | 18 | 19 | 10 | 0 | | | | | | 10 | | |
| (88) Becton Dickinson | | 102 | 25 | 24 | 15 | 0 | | | | | | 15 | | |
| (121) Greiner | | 97,7 | 13 | 13 | 18 | 0 | | | | | | 18 | | |
| (123) Sarstedt | | 124 | 11 | 9,2 | 17 | 0 | | | | | | 17 | | |
| (999) another manufacturer | | 70,4 | 46 | 65 | 14 | 0 | | | | | | 14 | | |
| Other | | | | | 2 | 0 | | | | | | 2 | | |
| | | | | | | | 1x 5, 1x 998 | | | | | | | |

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End of report

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