

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: DD4/22 - D Dimers

Deadline: 18.11.2022

| | | |
|--|--|--|
| 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} |
| (476) D Dimers (FEU) | | | | | 825 | | | | | | 813 | 736 | 91% |
| — Samples and groups | [mg/L FEU] | | | | | | | | | | | | |
| Sample A | | 0,935 | 0,57 | 61 | 825 | | | | | | 813 | 746 | 92% |
| (900) BioMerieux Vidas D-Dimer Exclusion II | | 0,266 | 0,02 | 7,6 | 24 | 0 | CVPG | 0,266 | ,0100±0,189 | 0,077 | 0,455 | 24 | |
| (917) Siemens Innovance D-Dimer | | 1,38 | 0,17 | 12 | 387 | 0 | CVPG | 1,38 | 0,021 | 27% | 1 | 1,76 | 387 |
| (918) Siemens Immulite D-Dimer | | 0,277 | 0,009 | 3,5 | 5 | 0 | CVPG | 0,277 | 0,027±0,189 | 0,088 | 0,466 | 5 | |
| (929) Mitsubishi Pathfast D-Dimer | | 0,381 | 0,033 | 8,8 | 9 | 0 | CVPG | 0,381 | 0,041±0,189 | 0,192 | 0,57 | 9 | |
| (935) Mindray D-Dimer | | 0,354 | 0,042 | 12 | 17 | 1 | CVPG | 0,354 | 0,026±0,189 | 0,165 | 0,543 | 17 | |
| (947) Roche Cardiac D-Dimer | | 0,100 | 0,000 | 0,00 | 14 | 0 | CVPG | 0,1 | ±0,189 | 0 | 0,289 | 14 | |
| (955) Stago Liatest D-Dimer | | 0,310 | 0,068 | 22 | 14 | 0 | CVPG | 0,31 | 0,044±0,189 | 0,121 | 0,499 | 14 | |
| (958) Stago Liatest D-Dimer Plus | | 0,295 | 0,061 | 20 | 95 | 0 | CVPG | 0,295 | 0,015±0,189 | 0,106 | 0,484 | 95 | |
| (962) Beckman Coulter D-Dimer | | 0,204 | 0,039 | 19 | 9 | 0 | CVPG | 0,204 | 0,048±0,189 | 0,015 | 0,393 | 9 | |
| (976) IL HemosIL D-Dimer HS 500 | | 0,804 | 0,14 | 18 | 183 | 0 | CVPG | 0,804 | 0,026 | 27% | 0,586 | 1,03 | 183 |
| (979) Roche Tinaquant 2nd generation (calibration: heparin plasma) | | 0,218 | 0,071 | 33 | 33 | 0 | CVPG | 0,218 | 0,030±0,189 | 0,029 | 0,407 | 33 | |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,272 | 0,076 | 28 | 17 | 0 | CVPG | 0,272 | 0,045±0,189 | 0,083 | 0,461 | 17 | |
| (988) Diagon Dia-D-Dimer | | 0,583 | 0,021 | 3,6 | 6 | 0 | CVPG | 0,583 | 0,029±0,189 | 0,394 | 0,772 | 6 | |
| Other | | | | | 12 | 0 | | | | | | 0 | |
| | | | | | | | | 1x 903, 1x 916, 1x 956, 2x 965, 2x 977, 2x 984, 3x 985 | | | | | |
| Sample B | | 0,367 | 0,13 | 34 | 825 | | | | | | 813 | 795 | 98% |
| (900) BioMerieux Vidas D-Dimer Exclusion II | | 0,241 | 0,019 | 8,0 | 24 | 0 | CVPG | 0,241 | ,0096±0,189 | 0,052 | 0,43 | 24 | |
| (917) Siemens Innovance D-Dimer | | 0,466 | 0,048 | 10 | 387 | 0 | CVPG | 0,466 | ,0060±0,189 | 0,277 | 0,655 | 387 | |
| (918) Siemens Immulite D-Dimer | | 0,262 | 0,044 | 17 | 5 | 0 | CVPG | 0,262 | 0,12±0,189 | 0,073 | 0,451 | 5 | |
| (929) Mitsubishi Pathfast D-Dimer | | 0,323 | 0,022 | 6,9 | 9 | 0 | CVPG | 0,323 | 0,028±0,189 | 0,134 | 0,512 | 9 | |
| (935) Mindray D-Dimer | | 0,298 | 0,094 | 31 | 17 | 0 | CVPG | 0,298 | 0,056±0,189 | 0,109 | 0,487 | 17 | |
| (947) Roche Cardiac D-Dimer | | 0,100 | 0,000 | 0,00 | 14 | 1 | CVPG | 0,1 | ±0,189 | 0 | 0,289 | 14 | |
| (955) Stago Liatest D-Dimer | | 0,278 | 0,031 | 11 | 14 | 0 | CVPG | 0,278 | 0,021±0,189 | 0,089 | 0,467 | 14 | |
| (958) Stago Liatest D-Dimer Plus | | 0,272 | 0,042 | 15 | 95 | 1 | CVPG | 0,272 | 0,011±0,189 | 0,083 | 0,461 | 95 | |
| (962) Beckman Coulter D-Dimer | | 0,130 | 0,03 | 23 | 9 | 2 | CVPG | 0,13 | 0,029±0,189 | 0 | 0,319 | 9 | |
| (976) IL HemosIL D-Dimer HS 500 | | 0,311 | 0,047 | 15 | 183 | 0 | CVPG | 0,311 | ,0084±0,189 | 0,122 | 0,5 | 183 | |
| (979) Roche Tinaquant 2nd generation (calibration: heparin plasma) | | 0,169 | 0,058 | 35 | 33 | 0 | CVPG | 0,169 | 0,025±0,189 | 0 | 0,358 | 33 | |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,201 | 0,063 | 31 | 17 | 0 | CVPG | 0,201 | 0,037±0,189 | 0,012 | 0,39 | 17 | |
| (988) Diagon Dia-D-Dimer | | 0,204 | 0,016 | 8,0 | 6 | 0 | CVPG | 0,204 | 0,023±0,189 | 0,015 | 0,393 | 6 | |
| Other | | | | | 12 | 1 | | | | | | 0 | |
| | | | | | | | | 1x 903, 1x 916, 1x 956, 2x 965, 2x 977, 2x 984, 3x 985 | | | | | |
| (477) D Dimers (DDim) | | | | | 72 | | | | | | 70 | 62 | 89% |
| — Samples and groups | [mg/L D Dimer] | | | | | | | | | | | | |
| Sample A | | 0,463 | 0,45 | 98 | 72 | | | | | | 70 | 63 | 90% |
| (920) IL HemosIL D-Dimer | | 0,987 | 0,10 | 10 | 11 | 0 | CVPG | 0,987 | 0,076 | 27% | 0,72 | 1,26 | 11 |
| (921) IL HemosIL D-Dimer HS | | 0,187 | 0,017 | 9,0 | 27 | 0 | CVPG | 0,187 | ,0079±0,081 | 0,106 | 0,268 | 27 | |
| (926) Medirox D-Dimer | | 0,136 | 0,015 | 11 | 5 | 0 | CVPG | 0,136 | 0,042±0,081 | 0,055 | 0,217 | 5 | |
| (947) Roche Cardiac D-Dimer | | 0,100 | 0,000 | 0,00 | 6 | 1 | CVPG | 0,1 | ±0,081 | 0,019 | 0,181 | 6 | |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,284 | 0,038 | 13 | 11 | 0 | CVPG | 0,284 | 0,028±0,081 | 0,203 | 0,365 | 11 | |
| (987) Sysmex LIAS Auto D-Dimer Neo | | 1,36 | 0,12 | 8,5 | 10 | 0 | CVPG | 1,36 | 0,090 | 27% | 0,992 | 1,73 | 10 |
| Other | | | | | 2 | 0 | | | | | | 0 | |
| | | | | | | | | 1x 958, 1x 973 | | | | | |
| Sample B | | 0,223 | 0,15 | 67 | 72 | | | | | | 70 | 66 | 94% |
| (920) IL HemosIL D-Dimer | | 0,352 | 0,066 | 19 | 11 | 0 | CVPG | 0,352 | 0,049 | 27% | 0,256 | 0,448 | 11 |
| (921) IL HemosIL D-Dimer HS | | 0,122 | 0,033 | 27 | 27 | 0 | CVPG | 0,122 | 0,016±0,081 | 0,041 | 0,203 | 27 | |
| (926) Medirox D-Dimer | | 0,086 | 0,005 | 6,9 | 5 | 0 | CVPG | 0,086 | 0,017±0,081 | 0,005 | 0,167 | 5 | |
| (947) Roche Cardiac D-Dimer | | 0,105 | 0,007 | 7,0 | 6 | 0 | CVPG | 0,105 | 0,010±0,081 | 0,024 | 0,186 | 6 | |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,234 | 0,032 | 14 | 11 | 0 | CVPG | 0,234 | 0,024±0,081 | 0,153 | 0,315 | 11 | |
| (987) Sysmex LIAS Auto D-Dimer Neo | | 0,479 | 0,026 | 5,3 | 10 | 0 | CVPG | 0,479 | 0,020 | 27% | 0,349 | 0,609 | 10 |
| Other | | | | | 2 | 2 | | | | | | 0 | |
| | | | | | | | | 1x 958, 1x 973 | | | | | |

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End of report

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