

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: DD2/20 - D Dimers

Deadline: 19.06.2020

| | | |
|--|--|--|
| 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 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 | | | | | N _{eva} | N _{suc} | S _{rel} | | | | |
|--|----------------|---------------|-------|--------|------------------|------------------|------------------|--|------------------|-----|-----------------|------------------|-----|
| | | RoM | SD | CV [%] | N _{tot} | N _{out} | | | | AV | U _{AV} | D _{max} | LL |
| (476) D Dimers (FEU) | | | | | 711 | | 695 | 660 | 95% | | | | |
| Samples and groups | [mg/L FEU] | | | | | | | | | | | | |
| Sample A | | | | | 711 | | 695 | 674 | 97% | | | | |
| (900) BioMerieux Vidas D-Dimer Exclusion II | | 0,427 | 0,062 | 14 | 711 | | | | | | | | |
| (917) Siemens Innovance D-Dimer | | 0,474 | 0,031 | 6,6 | 26 | 0 | CVPG | 0,474 | 0,015 | 27% | 0,346 | 0,602 | 26 |
| (929) Mitsubishi Pathfast D-Dimer | | 0,452 | 0,034 | 7,5 | 330 | 0 | CVPG | 0,452 | 0,046 | 27% | 0,329 | 0,575 | 330 |
| (947) Roche Cardiac D-Dimer | | 0,655 | 0,031 | 4,7 | 8 | 0 | CVPG | 0,655 | 0,024 | 27% | 0,478 | 0,832 | 8 |
| (955) Stago Liatest D-Dimer | | 0,244 | 0,027 | 11 | 15 | 0 | CVPG | 0,244 | 0,017 | 27% | 0,178 | 0,31 | 15 |
| (958) Stago Liatest D-Dimer Plus | | 0,449 | 0,052 | 11 | 22 | 0 | CVPG | 0,449 | 0,027 | 27% | 0,327 | 0,571 | 22 |
| (962) Beckman Coulter D-Dimer | | 0,431 | 0,057 | 13 | 91 | 0 | CVPG | 0,431 | 0,015 | 27% | 0,314 | 0,548 | 91 |
| (976) IL HemosIL D-Dimer HS 500 | | 0,281 | 0,054 | 19 | 11 | 0 | CVPG | 0,281 | 0,040 | 27% | 0,205 | 0,357 | 11 |
| (979) Roche Tinaquant 2nd generation (calibration: heparin plasma) | | 0,411 | 0,037 | 9,0 | 118 | 0 | CVPG | 0,411 | 0,083 | 27% | 0,3 | 0,522 | 118 |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,294 | 0,066 | 22 | 32 | 0 | CVPG | 0,294 | 0,028 | 27% | 0,214 | 0,374 | 32 |
| (985) Boditech i-Chroma D-Dimer | | 0,329 | 0,074 | 22 | 14 | 0 | CVPG | 0,329 | 0,048 | 27% | 0,24 | 0,418 | 14 |
| (988) Diagon Dia-D-Dimer | | 0,353 | 0,12 | 35 | 5 | 0 | CVPG | 0,353 | 0,35 | 27% | 0,257 | 0,449 | 5 |
| Other | | 0,280 | 0,041 | 15 | 23 | 0 | CVPG | 0,28 | 0,021 | 27% | 0,204 | 0,356 | 23 |
| | | | | | 16 | 0 | | | | | | | 0 |
| | | | | | | | | 1x 916, 4x 918, 1x 956, 2x 975, 1x 977, 2x 978, 2x 984, 3x 999 | | | | | |
| Sample B | | 0,780 | 0,22 | 28 | 711 | | 695 | 675 | 97% | | | | |
| (900) BioMerieux Vidas D-Dimer Exclusion II | | 0,678 | 0,038 | 5,6 | 26 | 0 | CVPG | 0,678 | 0,018 | 27% | 0,494 | 0,862 | 26 |
| (917) Siemens Innovance D-Dimer | | 0,951 | 0,14 | 15 | 330 | 0 | CVPG | 0,951 | 0,019 | 27% | 0,694 | 1,21 | 330 |
| (929) Mitsubishi Pathfast D-Dimer | | 0,818 | 0,063 | 7,7 | 8 | 0 | CVPG | 0,818 | 0,048 | 27% | 0,597 | 1,04 | 8 |
| (947) Roche Cardiac D-Dimer | | 0,357 | 0,048 | 13 | 15 | 0 | CVPG | 0,357 | 0,030 | 27% | 0,26 | 0,454 | 15 |
| (955) Stago Liatest D-Dimer | | 0,743 | 0,091 | 12 | 22 | 0 | CVPG | 0,743 | 0,047 | 27% | 0,542 | 0,944 | 22 |
| (958) Stago Liatest D-Dimer Plus | | 0,736 | 0,067 | 9,0 | 91 | 0 | CVPG | 0,736 | 0,017 | 27% | 0,537 | 0,935 | 91 |
| (962) Beckman Coulter D-Dimer | | 0,451 | 0,048 | 11 | 11 | 0 | CVPG | 0,451 | 0,035 | 27% | 0,329 | 0,573 | 11 |
| (976) IL HemosIL D-Dimer HS 500 | | 0,657 | 0,049 | 7,4 | 118 | 0 | CVPG | 0,657 | 0,011 | 27% | 0,479 | 0,835 | 118 |
| (979) Roche Tinaquant 2nd generation (calibration: heparin plasma) | | 0,485 | 0,072 | 15 | 32 | 0 | CVPG | 0,485 | 0,031 | 27% | 0,354 | 0,616 | 32 |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,496 | 0,089 | 18 | 14 | 0 | CVPG | 0,496 | 0,058 | 27% | 0,362 | 0,63 | 14 |
| (985) Boditech i-Chroma D-Dimer | | 0,517 | 0,14 | 28 | 5 | 0 | CVPG | 0,517 | 0,40 | 27% | 0,377 | 0,657 | 5 |
| (988) Diagon Dia-D-Dimer | | 0,424 | 0,045 | 11 | 23 | 0 | CVPG | 0,424 | 0,023 | 27% | 0,309 | 0,539 | 23 |
| Other | | | | | 16 | 0 | | | | | | | 0 |
| | | | | | | | | 1x 916, 4x 918, 1x 956, 2x 975, 1x 977, 2x 978, 2x 984, 3x 999 | | | | | |
| (477) D Dimers (DDim) | | | | | 80 | | 68 | 66 | 97% | | | | |
| Samples and groups | [mg/L D Dimer] | | | | | | | | | | | | |
| Sample A | | | | | 80 | | 68 | 67 | 99% | | | | |
| (920) IL HemosIL D-Dimer | | 0,211 | 0,09 | 42 | 80 | | | | | | | | |
| (921) IL HemosIL D-Dimer HS | | 0,241 | 0,017 | 7,1 | 9 | 0 | CVPG | 0,241 | 0,021 | 27% | 0,175 | 0,307 | 9 |
| (926) Medirox D-Dimer | | 0,163 | 0,015 | 9,3 | 41 | 0 | CVPG | 0,163 | 0,058 | 27% | 0,118 | 0,208 | 41 |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,127 | 0,039 | 31 | 5 | 1 | CVPG | 0,127 | 0,039 | 27% | 0,092 | 0,162 | 5 |
| Other | | 0,459 | 0,038 | 8,3 | 13 | 0 | CVPG | 0,459 | 0,026 | 27% | 0,335 | 0,583 | 13 |
| | | | | | 12 | 2 | | | | | | | 0 |
| | | | | | | | | 1x 901, 2x 904, 1x 918, 3x 942, 1x 947, 1x 975, 2x 987, 1x 988 | | | | | |
| Sample B | | 0,316 | 0,13 | 41 | 80 | | 68 | 67 | 99% | | | | |
| (920) IL HemosIL D-Dimer | | 0,345 | 0,03 | 8,8 | 9 | 0 | CVPG | 0,345 | 0,038 | 27% | 0,251 | 0,439 | 9 |
| (921) IL HemosIL D-Dimer HS | | 0,264 | 0,016 | 5,9 | 41 | 0 | CVPG | 0,264 | 0,060 | 27% | 0,192 | 0,336 | 41 |
| (926) Medirox D-Dimer | | 0,153 | 0,019 | 13 | 5 | 0 | CVPG | 0,153 | 0,054 | 27% | 0,111 | 0,195 | 5 |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,689 | 0,06 | 8,8 | 13 | 0 | CVPG | 0,689 | 0,041 | 27% | 0,502 | 0,876 | 13 |
| Other | | | | | 12 | 0 | | | | | | | 0 |
| | | | | | | | | 1x 901, 2x 904, 1x 918, 3x 942, 1x 947, 1x 975, 2x 987, 1x 988 | | | | | |

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End of report

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