# Summary statistics - quantitative results

## EQA round: DD2/26 - D Dimers

Deadline: 12.6.2026

Setup: groups - R (manufacturer of kit); Czech Republic; minimal size of the groups n = 5

RoM = robust average
SD = standard deviation
CV = coefficient of variation
$N_{tot}$ = total number of the results
$N_{out}$ = number of the results removed before calculation
AV = assigned value
CVPG = consensus of the participants' groups
$U_{AV}$ = expanded uncertainty of the assigned value (k = 2)
$D_{max}$ = acceptable difference
LL = lower limit
UL = upper limit
$N_{eva}$ = number of the results assessed
$N_{suc}$ = number of successful results
$S_{rel}$ = relative success

| Test / Sample / Group | [unit] | RoM | SD | CV [%] | $N_{tot}$ | $N_{out}$ | Comparability: AV | $U_{AV}$ | $D_{max}$ | LL | UL | $N_{eva}$ | $N_{suc}$ | $S_{rel}$ [%] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (476) **D Dimers (FEU)** | [mg/L FEU] | | | | 235 | | | | | | | 221 | 219 | 99 |
| **Sample A 26.35** | | 1,92 | 0,6 | 31 | 235 | | | | | | | 221 | 220 | 100 |
| (917) Siemens Innovance D-Dimer | | 2,26 | 0,12 | 5,5 | 120 | 0 | CVPG 2,26 | 0,017 | 27% | 1,64 | 2,88 | 120 | | |
| (929) Mitsubishi Pathfast D-Dimer | | 5 | 0 | 0 | 7 | 1 | CVPG 5 | | 27% | 3,65 | 6,35 | 7 | | |
| (947) Roche Cardiac D-Dimer | | 0,958 | 0,14 | 15 | 17 | 0 | CVPG 0,969 | 0,089 | 27% | 0,707 | 1,24 | 17 | | |
| (958) Stago Liatest D-Dimer Plus | | 1,15 | 0,057 | 5 | 35 | 0 | CVPG 1,14 | 0,011 | 27% | 0,832 | 1,45 | 35 | | |
| (976) IL HemosIL D-Dimer HS 500 | | 2,02 | 0,083 | 4,1 | 34 | 0 | CVPG 2,08 | 0,017 | 27% | 1,51 | 2,65 | 34 | | |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,59 | 0,03 | 5 | 5 | 0 | CVPG 0,578 | 0,03 | ±0,189 | 0,389 | 0,767 | 5 | | |
| Other | | | | | 17 | 0 | | | | | | 3 | | |
| | | | | | | | 3x 900, 1x 901, 1x 902, 1x 904, 1x 918, 1x 928, 2x 962, 1x 984, 3x 985, 3x 999 | | | | | | | |
| **Sample B 26.36** | | 1,39 | 0,43 | 31 | 235 | | | | | | | 221 | 220 | 100 |
| (917) Siemens Innovance D-Dimer | | 1,62 | 0,11 | 6,6 | 120 | 0 | CVPG 1,6 | 0,013 | 27% | 1,16 | 2,04 | 120 | | |
| (929) Mitsubishi Pathfast D-Dimer | | 4,8 | 0,3 | 6,2 | 7 | 0 | CVPG 4,8 | 0,23 | 27% | 3,5 | 6,1 | 7 | | |
| (947) Roche Cardiac D-Dimer | | 0,639 | 0,069 | 11 | 17 | 0 | CVPG 0,661 | 0,04 | ±0,189 | 0,472 | 0,85 | 17 | | |
| (958) Stago Liatest D-Dimer Plus | | 0,839 | 0,053 | 6,3 | 35 | 0 | CVPG 0,824 | 0,011 | 27% | 0,601 | 1,05 | 35 | | |
| (976) IL HemosIL D-Dimer HS 500 | | 1,51 | 0,062 | 4,1 | 34 | 0 | CVPG 1,54 | 0,013 | 27% | 1,12 | 1,96 | 34 | | |
| (980) Roche Tinaquant 2nd generation (calibration: citrate plasma) | | 0,465 | 0,082 | 18 | 5 | 0 | CVPG 0,444 | 0,032 | ±0,189 | 0,255 | 0,633 | 5 | | |
| Other | | | | | 17 | 0 | | | | | | 3 | | |
| | | | | | | | 3x 900, 1x 901, 1x 902, 1x 904, 1x 918, 1x 928, 2x 962, 1x 984, 3x 985, 3x 999 | | | | | | | |
| (477) **D Dimers (DDim)** | [mg/L D Dimer] | | | | 27 | | | | | | | 19 | 18 | 95 |
| **Sample A 26.35** | | 0,772 | 0,19 | 25 | 27 | | | | | | | 19 | 18 | 95 |
| (921) IL HemosIL D-Dimer HS | | 0,684 | 0,042 | 6,2 | 11 | 0 | CVPG 0,686 | 0,017 | 27% | 0,5 | 0,872 | 11 | | |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,908 | 0,074 | 8,2 | 8 | 0 | CVPG 0,92 | 0,037 | 27% | 0,671 | 1,17 | 8 | | |
| Other | | | | | 8 | 0 | | | | | | 0 | | |
| | | | | | | | 1x 904, 1x 905, 1x 920, 3x 947, 1x 985, 1x 999 | | | | | | | |
| **Sample B 26.36** | | 0,575 | 0,14 | 24 | 27 | | | | | | | 19 | 18 | 95 |
| (921) IL HemosIL D-Dimer HS | | 0,493 | 0,025 | 5,1 | 11 | 0 | CVPG 0,495 | 0,011 | 27% | 0,361 | 0,629 | 11 | | |
| (986) Radiometer AQT90 FLEX D-Dimer | | 0,671 | 0,063 | 9,4 | 8 | 0 | CVPG 0,682 | 0,032 | 27% | 0,497 | 0,867 | 8 | | |
| Other | | | | | 8 | 0 | | | | | | 0 | | |
| | | | | | | | 1x 904, 1x 905, 1x 920, 3x 947, 1x 985, 1x 999 | | | | | | | |