

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: Czech Republic, 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					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(476) D Dimers (FEU)					236							230	210	91%
— Samples and groups	[mg/L FEU]													
Sample A		1,02	0,64	63	236							230	212	92%
(917) Siemens Innovance D-Dimer		1,43	0,18	13	137	0	CVPG	1,38	0,021	27%	1	1,76	137	
(929) Mitsubishi Pathfast D-Dimer		0,384	0,039	10	7	0	CVPG	0,381	0,041±0,189	0,192	0,57	7		
(947) Roche Cardiac D-Dimer		0,100	0,000	0,00	14	0	CVPG	0,1	±0,189	0	0,289	14		
(958) Stago Liatest D-Dimer Plus		0,278	0,034	12	22	0	CVPG	0,295	0,015±0,189	0,106	0,484	22		
(976) IL HemosIL D-Dimer HS 500		0,781	0,13	17	26	0	CVPG	0,804	0,026	27%	0,586	1,03	26	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,300	0,063	21	11	0	CVPG	0,272	0,045±0,189	0,083	0,461	11		
Other					19	0						13		
								3x 900, 3x 918, 3x 955, 4x 962, 2x 965, 2x 984, 2x 985						
Sample B		0,397	0,14	34	236							230	224	97%
(917) Siemens Innovance D-Dimer		0,482	0,054	11	137	0	CVPG	0,466	,0060±0,189	0,277	0,655	137		
(929) Mitsubishi Pathfast D-Dimer		0,330	0,023	7,0	7	0	CVPG	0,323	0,028±0,189	0,134	0,512	7		
(947) Roche Cardiac D-Dimer		0,100	0,000	0,00	14	1	CVPG	0,1	±0,189	0	0,289	14		
(958) Stago Liatest D-Dimer Plus		0,268	0,02	7,5	22	1	CVPG	0,272	0,011±0,189	0,083	0,461	22		
(976) IL HemosIL D-Dimer HS 500		0,324	0,04	12	26	0	CVPG	0,311	,0084±0,189	0,122	0,5	26		
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,219	0,098	45	11	0	CVPG	0,201	0,037±0,189	0,012	0,39	11		
Other					19	0						13		
								3x 900, 3x 918, 3x 955, 4x 962, 2x 965, 2x 984, 2x 985						
(477) D Dimers (DDim)					32							31	30	97%
— Samples and groups	[mg/L D Dimer]													
Sample A		0,206	0,07	34	32							31	30	97%
(921) IL HemosIL D-Dimer HS		0,190	0,008	4,3	14	0	CVPG	0,187	,0079±0,081	0,106	0,268	14		
(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		0,272	0,019	6,8	9	0	CVPG	0,284	0,028±0,081	0,203	0,365	9		
Other					3	0						2		
								1x 920, 1x 926, 1x 958						
Sample B		0,157	0,069	44	32							31	30	97%
(921) IL HemosIL D-Dimer HS		0,122	0,023	19	14	0	CVPG	0,122	0,016±0,081	0,041	0,203	14		
(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		0,230	0,021	9,0	9	0	CVPG	0,234	0,024±0,081	0,153	0,315	9		
Other					3	1						2		
								1x 920, 1x 926, 1x 958						

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End of report

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