

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: DD4/21 - D Dimers

Deadline: 19.11.2021

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					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)					815							799	769	96%
— Samples and groups	[mg/L FEU]													
Sample A					815							799	774	97%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,489	0,063	13	815							799	774	97%
(917) Siemens Innovance D-Dimer		0,502	0,039	7,7	24	0	CVPG	0,502	0,019	27%	0,366	0,638	24	
(929) Mitsubishi Pathfast D-Dimer		0,492	0,04	8,1	374	0	CVPG	0,492	,0051	27%	0,359	0,625	374	
(935) Mindray D-Dimer		0,771	0,14	18	8	0	CVPG	0,771	0,10	27%	0,562	0,98	8	
(947) Roche Cardiac D-Dimer		0,522	0,051	9,7	11	0	CVPG	0,522	0,038	27%	0,381	0,663	11	
(955) Stago Liatest D-Dimer		0,251	0,025	10	16	0	CVPG	0,251	0,016	27%	0,183	0,319	16	
(958) Stago Liatest D-Dimer Plus		0,510	0,064	13	19	0	CVPG	0,51	0,036	27%	0,372	0,648	19	
(962) Beckman Coulter D-Dimer		0,486	0,059	12	104	0	CVPG	0,486	0,014	27%	0,354	0,618	104	
(976) IL HemosIL D-Dimer HS 500		0,255	0,007	2,9	5	0	CVPG	0,255	0,021	27%	0,186	0,324	5	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,524	0,054	10	169	0	CVPG	0,524	0,010	27%	0,382	0,666	169	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,290	0,058	20	38	0	CVPG	0,29	0,023	27%	0,211	0,369	38	
(985) Boditech i-Chroma D-Dimer		0,393	0,075	19	16	0	CVPG	0,393	0,046	27%	0,286	0,5	16	
(988) Diagon Dia-D-Dimer		0,509	0,093	18	5	0	CVPG	0,509	0,26	27%	0,371	0,647	5	
(999) another manufacturer		0,315	0,055	18	10	0	CVPG	0,315	0,043	27%	0,229	0,401	10	
Other		0,292	0,09	31	5	0	CVPG	0,292	0,25	27%	0,213	0,371	0	
					11	0							0	
							3x 904, 4x 918, 1x 956, 1x 977, 2x 984							
Sample B		0,661	0,079	12	815							799	789	99%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,603	0,034	5,7	24	0	CVPG	0,603	0,017	27%	0,44	0,766	24	
(917) Siemens Innovance D-Dimer		0,677	0,05	7,4	374	0	CVPG	0,677	,0064	27%	0,494	0,86	374	
(929) Mitsubishi Pathfast D-Dimer		1,11	0,17	16	8	0	CVPG	1,11	0,13	27%	0,81	1,41	8	
(935) Mindray D-Dimer		0,549	0,065	12	11	0	CVPG	0,549	0,048	27%	0,4	0,698	11	
(947) Roche Cardiac D-Dimer		0,345	0,049	14	16	0	CVPG	0,345	0,030	27%	0,251	0,439	16	
(955) Stago Liatest D-Dimer		0,718	0,07	9,7	19	0	CVPG	0,718	0,039	27%	0,524	0,912	19	
(958) Stago Liatest D-Dimer Plus		0,679	0,066	9,7	104	0	CVPG	0,679	0,016	27%	0,495	0,863	104	
(962) Beckman Coulter D-Dimer		0,325	0,037	11	5	0	CVPG	0,325	0,10	27%	0,237	0,413	5	
(976) IL HemosIL D-Dimer HS 500		0,677	0,067	9,9	169	0	CVPG	0,677	0,013	27%	0,494	0,86	169	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,403	0,072	18	38	0	CVPG	0,403	0,029	27%	0,294	0,512	38	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,499	0,07	14	16	0	CVPG	0,499	0,043	27%	0,364	0,634	16	
(985) Boditech i-Chroma D-Dimer		0,674	0,067	9,9	5	0	CVPG	0,674	0,19	27%	0,492	0,856	5	
(988) Diagon Dia-D-Dimer		0,420	0,06	14	10	0	CVPG	0,42	0,046	27%	0,306	0,534	10	
(999) another manufacturer		0,427	0,24	57	5	0	CVPG	0,427	0,69	27%	0,311	0,543	0	
Other					11	0							0	
							3x 904, 4x 918, 1x 956, 1x 977, 2x 984							
(477) D Dimers (DDim)					69							60	55	92%
— Samples and groups	[mg/L D Dimer]													
Sample A		0,313	0,17	55	69							60	58	97%
(920) IL HemosIL D-Dimer		0,338	0,063	19	9	0	CVPG	0,338	0,078	27%	0,246	0,43	9	
(921) IL HemosIL D-Dimer HS		0,176	0,017	9,7	26	0	CVPG	0,176	,0083	27%	0,128	0,224	26	
(986) Radiometer AQT90 FLEX D-Dimer		0,502	0,043	8,6	13	0	CVPG	0,502	0,029	27%	0,366	0,638	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,485	0,042	8,7	12	0	CVPG	0,485	0,030	27%	0,354	0,616	12	
Other					9	1							0	
							4x 926, 1x 942, 1x 947, 2x 965, 1x 973							
Sample B		0,410	0,25	62	69							60	57	95%
(920) IL HemosIL D-Dimer		0,450	0,18	40	9	0	CVPG	0,45	0,22	27%	0,328	0,572	9	
(921) IL HemosIL D-Dimer HS		0,214	0,013	6,2	26	0	CVPG	0,214	,0064	27%	0,156	0,272	26	
(986) Radiometer AQT90 FLEX D-Dimer		0,693	0,058	8,4	13	0	CVPG	0,693	0,040	27%	0,505	0,881	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,674	0,046	6,8	12	0	CVPG	0,674	0,032	27%	0,492	0,856	12	
Other					9	0							0	
							4x 926, 1x 942, 1x 947, 2x 965, 1x 973							

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End of report

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