

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: DD2/21 - D Dimers

Deadline: 18.06.2021

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							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(476) D Dimers (FEU)					786							773	728	94%
— Samples and groups	[mg/L FEU]													
Sample A		0,758	0,10	13	786							773	746	97%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,773	0,058	7,5	25	0	CVPG	0,773	0,029	27%	0,564	0,982	25	
(917) Siemens Innovance D-Dimer		0,771	0,061	7,9	360	0	CVPG	0,771	,0079	27%	0,562	0,98	360	
(929) Mitsubishi Pathfast D-Dimer		1,21	0,17	14	7	0	CVPG	1,21	0,17	27%	0,883	1,54	7	
(935) Mindray D-Dimer		0,570	0,045	7,9	6	0	CVPG	0,57	0,063	27%	0,416	0,724	6	
(947) Roche Cardiac D-Dimer		0,414	0,056	13	17	0	CVPG	0,414	0,033	27%	0,302	0,526	17	
(955) Stago Liatest D-Dimer		0,827	0,10	12	20	0	CVPG	0,827	0,055	27%	0,603	1,06	20	
(958) Stago Liatest D-Dimer Plus		0,873	0,091	10	97	0	CVPG	0,873	0,023	27%	0,637	1,11	97	
(962) Beckman Coulter D-Dimer		0,503	0,14	28	11	0	CVPG	0,503	0,10	27%	0,367	0,639	11	
(976) IL HemosIL D-Dimer HS 500		0,754	0,058	7,7	156	0	CVPG	0,754	0,011	27%	0,55	0,958	156	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,449	0,082	18	37	0	CVPG	0,449	0,033	27%	0,327	0,571	37	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,492	0,05	10	17	0	CVPG	0,492	0,030	27%	0,359	0,625	17	
(985) Boditech i-Chroma D-Dimer		0,793	0,15	19	5	0	CVPG	0,793	0,42	27%	0,578	1,01	5	
(988) Diagon Dia-D-Dimer		0,479	0,064	13	15	1	CVPG	0,479	0,042	27%	0,349	0,609	15	
(999) another manufacturer		0,545	0,013	2,4	5	0	CVPG	0,545	0,038	27%	0,397	0,693	0	
Other					8	0							0	
							4x 918, 1x 956, 1x 977, 2x 984							
Sample B		0,477	0,064	13	786							773	736	95%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,485	0,041	8,5	25	0	CVPG	0,485	0,020	27%	0,354	0,616	25	
(917) Siemens Innovance D-Dimer		0,487	0,045	9,2	360	0	CVPG	0,487	,0058	27%	0,355	0,619	360	
(929) Mitsubishi Pathfast D-Dimer		0,822	0,088	11	7	0	CVPG	0,822	0,085	27%	0,6	1,05	7	
(935) Mindray D-Dimer		0,414	0,036	8,6	6	0	CVPG	0,414	0,050	27%	0,302	0,526	6	
(947) Roche Cardiac D-Dimer		0,262	0,025	9,7	17	0	CVPG	0,262	0,015	27%	0,191	0,333	17	
(955) Stago Liatest D-Dimer		0,482	0,052	11	20	0	CVPG	0,482	0,028	27%	0,351	0,613	20	
(958) Stago Liatest D-Dimer Plus		0,496	0,051	10	97	0	CVPG	0,496	0,013	27%	0,362	0,63	97	
(962) Beckman Coulter D-Dimer		0,339	0,097	29	11	0	CVPG	0,339	0,072	27%	0,247	0,431	11	
(976) IL HemosIL D-Dimer HS 500		0,499	0,051	10	156	0	CVPG	0,499	,0099	27%	0,364	0,634	156	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,278	0,075	27	37	0	CVPG	0,278	0,030	27%	0,202	0,354	37	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,319	0,057	18	17	0	CVPG	0,319	0,034	27%	0,232	0,406	17	
(985) Boditech i-Chroma D-Dimer		0,468	0,086	18	5	0	CVPG	0,468	0,24	27%	0,341	0,595	5	
(988) Diagon Dia-D-Dimer		0,295	0,061	21	15	1	CVPG	0,295	0,040	27%	0,215	0,375	15	
(999) another manufacturer		0,401	0,11	27	5	0	CVPG	0,401	0,31	27%	0,292	0,51	0	
Other					8	0							0	
							4x 918, 1x 956, 1x 977, 2x 984							
(477) D Dimers (DDim)					72							65	62	95%
— Samples and groups	[mg/L D Dimer]													
Sample A		0,431	0,27	62	72							65	64	98%
(920) IL HemosIL D-Dimer		0,391	0,039	9,9	10	0	CVPG	0,391	0,030	27%	0,285	0,497	10	
(921) IL HemosIL D-Dimer HS		0,254	0,017	6,5	28	0	CVPG	0,254	,0077	27%	0,185	0,323	28	
(926) Medirox D-Dimer		0,184	0,027	15	5	0	CVPG	0,184	0,075	27%	0,134	0,234	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,773	0,088	11	13	0	CVPG	0,773	0,060	27%	0,564	0,982	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,753	0,07	9,3	9	0	CVPG	0,753	0,086	27%	0,549	0,957	9	
Other					7	0							0	
							1x 918, 1x 942, 2x 947, 1x 958, 1x 965, 1x 973							
Sample B		0,293	0,17	58	72							65	62	95%
(920) IL HemosIL D-Dimer		0,303	0,026	8,7	10	0	CVPG	0,303	0,020	27%	0,221	0,385	10	
(921) IL HemosIL D-Dimer HS		0,175	0,022	12	28	0	CVPG	0,175	,0100	27%	0,127	0,223	28	
(926) Medirox D-Dimer		0,112	0,003	3,0	5	2	CVPG	0,112	,0048	27%	0,081	0,143	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,496	0,062	12	13	0	CVPG	0,496	0,042	27%	0,362	0,63	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,474	0,042	8,9	9	0	CVPG	0,474	0,052	27%	0,346	0,602	9	
Other					7	0							0	
							1x 918, 1x 942, 2x 947, 1x 958, 1x 965, 1x 973							

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End of report

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