

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: Czech Republic, minimal size of groups n = 5

## EQA round: DD4/18 - D Dimers

Dead line: 30.11.2018

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability							
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>(476) D Dimers (FEU)</b>					198							188	187	99%
Samples and groups	[mg/L FEU]													
<b>Sample A</b>		0,616	0,095	15	198							188	187	99%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,600	0,03	5,0	5	0	CVPG	0,591	0,020	27%	0,431	0,751	5	
(917) Siemens Innovance D-Dimer		0,650	0,059	9,0	118	0	CVPG	0,642	0,079	27%	0,468	0,816	118	
(929) Mitsubishi Pathfast D-Dimer		1,05	0,045	4,2	6	0	CVPG	1,03	0,068	27%	0,751	1,31	6	
(938) Olympus D-Dimer		0,345	0,052	15	7	0	CVPG	0,345	0,050	27%	0,251	0,439	7	
(947) Roche Cardiac Reader DD test		0,315	0,037	12	8	0	CVPG	0,326	0,026	27%	0,237	0,415	8	
(955) Stago Liatest D-Dimer		0,620	0,059	9,6	6	0	CVPG	0,583	0,028	27%	0,425	0,741	6	
(958) Stago Liatest D-Dimer Plus		0,607	0,053	8,8	17	0	CVPG	0,611	0,017	27%	0,446	0,776	17	
(962) Beckman Coulter D-Dimer		0,348	0,018	5,1	6	0	CVPG	0,383	0,068	27%	0,279	0,487	6	
(976) I.L. HemosIL D-Dimer HS 500		0,639	0,085	13	7	0	CVPG	0,637	0,015	27%	0,465	0,809	7	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,468	0,078	17	8	0	CVPG	0,436	0,051	27%	0,318	0,554	8	
Other					10	0							0	
								3x 918, 1x 933, 2x 984, 2x 985, 1x 986, 1x 993						
<b>Sample B</b>		0,999	0,13	13	198							188	187	99%
(900) BioMerieux Vidas D-Dimer Exclusion II		1,01	0,052	5,2	5	0	CVPG	0,993	0,029	27%	0,724	1,27	5	
(917) Siemens Innovance D-Dimer		1,03	0,074	7,1	118	0	CVPG	1,03	0,011	27%	0,751	1,31	118	
(929) Mitsubishi Pathfast D-Dimer		1,66	0,052	3,1	6	0	CVPG	1,63	0,086	27%	1,18	2,08	6	
(938) Olympus D-Dimer		0,555	0,082	15	7	0	CVPG	0,555	0,079	27%	0,405	0,705	7	
(947) Roche Cardiac Reader DD test		0,530	0,059	11	8	0	CVPG	0,53	0,039	27%	0,386	0,674	8	
(955) Stago Liatest D-Dimer		1,05	0,096	9,2	6	0	CVPG	1,03	0,033	27%	0,751	1,31	6	
(958) Stago Liatest D-Dimer Plus		1,06	0,07	6,6	17	0	CVPG	1,04	0,018	27%	0,759	1,33	17	
(962) Beckman Coulter D-Dimer		0,570	0,074	13	6	0	CVPG	0,6	0,12	27%	0,438	0,762	6	
(976) I.L. HemosIL D-Dimer HS 500		1,03	0,061	5,9	7	0	CVPG	0,999	0,021	27%	0,729	1,27	7	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,705	0,096	14	8	0	CVPG	0,694	0,045	27%	0,506	0,882	8	
Other					10	0							0	
								3x 918, 1x 933, 2x 984, 2x 985, 1x 986, 1x 993						
<b>(477) D Dimers (DDim)</b>					41							39	38	97%
Samples and groups	[mg/L D Dimer]													
<b>Sample A</b>		0,264	0,11	40	41							39	38	97%
(920) I.L. HemosIL D-Dimer		0,295	0,01	3,5	5	0	CVPG	0,298	0,026	27%	0,217	0,379	5	
(921) I.L. HemosIL D-Dimer HS		0,254	0,008	3,4	16	0	CVPG	0,251	0,065	27%	0,183	0,319	16	
(926) Medirox D-Dimer		0,149	0,013	8,5	5	0	CVPG	0,144	0,015	27%	0,105	0,183	5	
(942) Nordic Red D-dimer		0,156	0,008	5,3	6	0	CVPG	0,159	0,012	27%	0,116	0,202	6	
(986) Radiometer AQT90 FLEX D-Dimer		0,581	0,093	16	7	0	CVPG	0,583	0,047	27%	0,425	0,741	7	
Other					2	0							0	
								1x 965, 1x 987						
<b>Sample B</b>		0,393	0,14	37	41							39	39	100%
(920) I.L. HemosIL D-Dimer		0,411	0,003	0,73	5	0	CVPG	0,426	0,034	27%	0,31	0,542	5	
(921) I.L. HemosIL D-Dimer HS		0,380	0,024	6,2	16	0	CVPG	0,372	0,012	27%	0,271	0,473	16	
(926) Medirox D-Dimer		0,240	0,022	9,0	5	0	CVPG	0,237	0,020	27%	0,173	0,301	5	
(942) Nordic Red D-dimer		0,228	0,012	5,2	6	0	CVPG	0,238	0,026	27%	0,173	0,303	6	
(986) Radiometer AQT90 FLEX D-Dimer		0,988	0,12	12	7	0	CVPG	0,972	0,078	27%	0,709	1,24	7	
Other					2	0							0	
								1x 965, 1x 987						

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End of report

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