

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

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

## EQA round: DD2/18 - D Dimers

Dead line: 15.06.2018

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							191	180	94%
Samples and groups	[mg/L FEU]													
<b>Sample A</b>		0,738	0,09	12	198							191	186	97%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,750	0,045	5,9	6	0	CVPG	0,76	0,015	27%	0,554	0,966	6	
(917) Siemens Innovance D-Dimer		0,768	0,062	8,1	116	0	CVPG	0,754	,0093	27%	0,55	0,958	116	
(929) Mitsubishi Pathfast D-Dimer		1,21	0,089	7,4	6	0	CVPG	1,21	0,12	27%	0,883	1,54	6	
(938) Olympus D-Dimer		0,390	0,10	27	7	0	CVPG	0,39	0,10	27%	0,284	0,496	7	
(947) Roche Cardiac Reader DD test		0,385	0,067	17	8	0	CVPG	0,387	0,040	27%	0,282	0,492	8	
(955) Stago Liatest D-Dimer		0,750	0,03	4,0	7	0	CVPG	0,732	0,022	27%	0,534	0,93	7	
(958) Stago Liatest D-Dimer Plus		0,731	0,047	6,5	19	0	CVPG	0,729	0,017	27%	0,532	0,926	19	
(962) Beckman Coulter D-Dimer		0,410	0,045	11	6	0	CVPG	0,41	0,062	27%	0,299	0,521	6	
(976) I.L. HemosIL D-Dimer HS 500		0,715	0,022	3,1	5	0	CVPG	0,703	0,014	27%	0,513	0,893	5	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,505	0,082	16	7	0	CVPG	0,5	0,046	27%	0,365	0,635	7	
Other					11	0							4	
								4x 918, 1x 926, 2x 984, 3x 985, 1x 993						
<b>Sample B</b>		0,604	0,098	16	198							191	181	95%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,605	0,022	3,7	6	0	CVPG	0,61	,0094	27%	0,445	0,775	6	
(917) Siemens Innovance D-Dimer		0,644	0,06	9,4	116	1	CVPG	0,633	,0085	27%	0,462	0,804	116	
(929) Mitsubishi Pathfast D-Dimer		0,952	0,071	7,5	6	0	CVPG	0,952	0,099	27%	0,694	1,21	6	
(938) Olympus D-Dimer		0,350	0,059	17	7	0	CVPG	0,35	0,058	27%	0,255	0,445	7	
(947) Roche Cardiac Reader DD test		0,315	0,067	21	8	0	CVPG	0,317	0,041	27%	0,231	0,403	8	
(955) Stago Liatest D-Dimer		0,585	0,037	6,3	7	0	CVPG	0,538	0,034	27%	0,392	0,684	7	
(958) Stago Liatest D-Dimer Plus		0,566	0,056	10	19	0	CVPG	0,557	0,017	27%	0,406	0,708	19	
(962) Beckman Coulter D-Dimer		0,365	0,022	6,1	6	0	CVPG	0,365	0,031	27%	0,266	0,464	6	
(976) I.L. HemosIL D-Dimer HS 500		0,594	0,025	4,1	5	0	CVPG	0,573	0,012	27%	0,418	0,728	5	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,425	0,11	26	7	0	CVPG	0,426	0,058	27%	0,31	0,542	7	
Other					11	0							4	
								4x 918, 1x 926, 2x 984, 3x 985, 1x 993						
<b>(477) D Dimers (DDim)</b>					42							40	39	98%
Samples and groups	[mg/L D Dimer]													
<b>Sample A</b>		0,273	0,086	32	42							40	40	100%
(920) I.L. HemosIL D-Dimer		0,283	0,052	18	6	0	CVPG	0,285	0,053	27%	0,208	0,362	6	
(921) I.L. HemosIL D-Dimer HS		0,255	0,016	6,2	16	0	CVPG	0,252	,0075	27%	0,183	0,321	16	
(926) Medirox D-Dimer		0,188	0,019	10	5	0	CVPG	0,185	0,028	27%	0,135	0,235	5	
(942) Nordic Red D-dimer		0,186	0,033	18	5	0	CVPG	0,169	0,081	27%	0,123	0,215	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,767	0,09	12	8	0	CVPG	0,779	0,056	27%	0,568	0,99	8	
Other					2	0							0	
								2x 965						
<b>Sample B</b>		0,259	0,10	38	42							40	39	98%
(920) I.L. HemosIL D-Dimer		0,281	0,04	14	6	0	CVPG	0,281	0,039	27%	0,205	0,357	6	
(921) I.L. HemosIL D-Dimer HS		0,238	0,014	6,0	16	0	CVPG	0,241	,0079	27%	0,175	0,307	16	
(926) Medirox D-Dimer		0,161	0,016	10	5	0	CVPG	0,162	0,020	27%	0,118	0,206	5	
(942) Nordic Red D-dimer		0,148	0,041	28	5	0	CVPG	0,138	0,078	27%	0,1	0,176	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,579	0,033	5,8	8	0	CVPG	0,585	0,027	27%	0,427	0,743	8	
Other					2	0							0	
								2x 965						

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End of report

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