

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

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

## EQA round: DD1/18 - D Dimers

Dead line: 16.03.2018

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>	[mg/L FEU]				198							187	175	94%
Samples and groups														
<b>Sample A</b>		1,71	0,28	16	198							187	180	96%
(900) BioMerieux Vidas D-Dimer Exclusion II		2,01	0,067	3,3	6	0	CVPG	2 0,035	27%	1,46	2,54	6		
(917) Siemens Innovance D-Dimer		1,74	0,099	5,7	116	0	CVPG	1,73 0,016	27%	1,26	2,2	116		
(929) Mitsubishi Pathfast D-Dimer		2,88	0,24	8,2	6	0	CVPG	2,88 0,33	27%	2,1	3,66	6		
(938) Olympus D-Dimer		0,960	0,074	7,7	7	0	CVPG	0,96 0,072	27%	0,7	1,22	7		
(947) Roche Cardiac Reader DD test		1,05	0,22	21	8	0	CVPG	1,12 0,15	27%	0,817	1,43	8		
(955) Stago Liatest D-Dimer		1,96	0,037	1,9	6	0	CVPG	2,01 0,055	27%	1,46	2,56	6		
(958) Stago Liatest D-Dimer Plus		2,05	0,13	6,2	20	0	CVPG	2,03 0,031	27%	1,48	2,58	20		
(976) I.L. HemosIL D-Dimer HS 500		1,69	0,049	2,9	5	0	CVPG	1,61 0,038	27%	1,17	2,05	5		
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		1,11	0,082	7,4	7	0	CVPG	1,09 0,054	27%	0,795	1,39	7		
Other					17	0						6		
								4x 918, 1x 942, 4x 962, 2x 979, 2x 984, 2x 985, 1x 986, 1x 993						
<b>Sample B</b>		0,537	0,087	16	198							187	176	94%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,510	0,03	5,8	6	0	CVPG	0,531 0,013	27%	0,387	0,675	6		
(917) Siemens Innovance D-Dimer		0,569	0,048	8,4	116	0	CVPG	0,563 ,0066	27%	0,41	0,716	116		
(929) Mitsubishi Pathfast D-Dimer		0,882	0,053	6,0	6	0	CVPG	0,882 0,074	27%	0,643	1,13	6		
(938) Olympus D-Dimer		0,300	0,03	9,9	7	0	CVPG	0,3 0,029	27%	0,219	0,381	7		
(947) Roche Cardiac Reader DD test		0,270	0,045	16	8	0	CVPG	0,285 0,039	27%	0,208	0,362	8		
(955) Stago Liatest D-Dimer		0,545	0,052	9,5	6	0	CVPG	0,504 0,024	27%	0,367	0,641	6		
(958) Stago Liatest D-Dimer Plus		0,513	0,045	8,9	20	0	CVPG	0,496 0,015	27%	0,362	0,63	20		
(976) I.L. HemosIL D-Dimer HS 500		0,555	0,007	1,3	5	0	CVPG	0,55 0,020	27%	0,401	0,699	5		
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,395	0,096	24	7	0	CVPG	0,32 0,065	27%	0,233	0,407	7		
Other					17	0						6		
								4x 918, 1x 942, 4x 962, 2x 979, 2x 984, 2x 985, 1x 986, 1x 993						
<b>(477) D Dimers (DDim)</b>	[mg/L D Dimer]				43							42	41	98%
Samples and groups														
<b>Sample A</b>		0,603	0,14	23	43							42	41	98%
(920) I.L. HemosIL D-Dimer		0,691	0,059	8,6	7	0	CVPG	0,696 0,077	27%	0,508	0,884	7		
(921) I.L. HemosIL D-Dimer HS		0,573	0,024	4,2	15	0	CVPG	0,557 ,0099	27%	0,406	0,708	15		
(926) Medirox D-Dimer		0,481	0,076	16	8	0	CVPG	0,478 0,051	27%	0,348	0,608	8		
(942) Nordic Red D-dimer		0,480	0,034	7,1	5	0	CVPG	0,48 0,048	27%	0,35	0,61	5		
(986) Radiometer AQT90 FLEX D-Dimer		1,87	0,10	5,6	7	0	CVPG	1,89 0,10	27%	1,37	2,41	7		
Other					1	0						0		
								1x 965						
<b>Sample B</b>		0,235	0,092	39	43							42	42	100%
(920) I.L. HemosIL D-Dimer		0,303	0,016	5,4	7	0	CVPG	0,296 0,025	27%	0,216	0,376	7		
(921) I.L. HemosIL D-Dimer HS		0,218	0,02	9,0	15	0	CVPG	0,211 ,0075	27%	0,154	0,268	15		
(926) Medirox D-Dimer		0,148	0,019	13	8	0	CVPG	0,147 0,012	27%	0,107	0,187	8		
(942) Nordic Red D-dimer		0,153	0,025	16	5	0	CVPG	0,15 0,041	27%	0,109	0,191	5		
(986) Radiometer AQT90 FLEX D-Dimer		0,504	0,083	16	7	0	CVPG	0,529 0,057	27%	0,386	0,672	7		
Other					1	0						0		
								1x 965						

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End of report

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