

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

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

## EQA round: DD3/18 - D Dimers

Dead line: 14.09.2018

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>
<b>(476) D Dimers (FEU)</b>					195						186	176	95%
Samples and groups	[mg/L FEU]												
<b>Sample A</b>		0,547	0,11	19	195						186	178	96%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,535	0,007	1,4	6	0	CVPG	0,547	0,014	27%	0,399	0,695	6
(917) Siemens Innovance D-Dimer		0,593	0,05	8,4	116	0	CVPG	0,573	0,074	27%	0,418	0,728	116
(929) Mitsubishi Pathfast D-Dimer		0,887	0,053	5,9	6	0	CVPG	0,887	0,074	27%	0,647	1,13	6
(938) Olympus D-Dimer		0,330	0,059	18	7	0	CVPG	0,33	0,058	27%	0,24	0,42	7
(947) Roche Cardiac Reader DD test		0,265	0,037	14	8	0	CVPG	0,268	0,033	27%	0,195	0,341	8
(955) Stago Liatest D-Dimer		0,465	0,096	21	6	0	CVPG	0,503	0,032	27%	0,367	0,639	6
(958) Stago Liatest D-Dimer Plus		0,533	0,073	14	17	0	CVPG	0,511	0,017	27%	0,373	0,649	17
(962) Beckman Coulter D-Dimer		0,300	0,03	9,9	6	0	CVPG	0,3	0,041	27%	0,219	0,381	6
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,375	0,037	9,9	9	0	CVPG	0,392	0,047	27%	0,286	0,498	9
Other					14	0							5
								3x 918, 1x 965, 4x 976, 1x 979, 2x 984, 2x 985, 1x 993					
<b>Sample B</b>		1,84	0,31	17	195						186	182	98%
(900) BioMerieux Vidas D-Dimer Exclusion II		2,08	0,059	2,9	6	0	CVPG	2,1	0,063	27%	1,53	2,67	6
(917) Siemens Innovance D-Dimer		1,89	0,14	7,6	116	0	CVPG	1,85	0,021	27%	1,35	2,35	116
(929) Mitsubishi Pathfast D-Dimer		2,81	0,12	4,2	6	0	CVPG	2,81	0,17	27%	2,05	3,57	6
(938) Olympus D-Dimer		1,04	0,059	5,7	7	0	CVPG	1,04	0,058	27%	0,759	1,33	7
(947) Roche Cardiac Reader DD test		0,960	0,24	25	8	0	CVPG	1,08	0,13	27%	0,788	1,38	8
(955) Stago Liatest D-Dimer		2,10	0,12	5,6	6	0	CVPG	2,16	0,071	27%	1,57	2,75	6
(958) Stago Liatest D-Dimer Plus		2,16	0,14	6,3	17	0	CVPG	2,13	0,026	27%	1,55	2,71	17
(962) Beckman Coulter D-Dimer		1,12	0,067	6,0	6	0	CVPG	1,12	0,093	27%	0,817	1,43	6
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		1,25	0,13	11	9	0	CVPG	1,28	0,067	27%	0,934	1,63	9
Other					14	0							5
								3x 918, 1x 965, 4x 976, 1x 979, 2x 984, 2x 985, 1x 993					
<b>(477) D Dimers (DDim)</b>					44						43	40	93%
Samples and groups	[mg/L D Dimer]												
<b>Sample A</b>		0,219	0,081	37	44						43	40	93%
(920) I.L. HemosIL D-Dimer		0,278	0,035	13	5	0	CVPG	0,281	0,038	27%	0,205	0,357	5
(921) I.L. HemosIL D-Dimer HS		0,216	0,02	9,1	18	0	CVPG	0,217	0,084	27%	0,158	0,276	18
(926) Medirox D-Dimer		0,126	0,026	21	7	0	CVPG	0,127	0,064	27%	0,092	0,162	7
(942) Nordic Red D-dimer		0,154	0,042	28	6	0	CVPG	0,154	0,041	27%	0,112	0,196	6
(986) Radiometer AQT90 FLEX D-Dimer		0,507	0,047	9,3	7	0	CVPG	0,511	0,032	27%	0,373	0,649	7
Other					1	0							0
								1x 965					
<b>Sample B</b>		0,655	0,18	27	44						43	42	98%
(920) I.L. HemosIL D-Dimer		0,779	0,085	11	5	0	CVPG	0,783	0,12	27%	0,571	0,995	5
(921) I.L. HemosIL D-Dimer HS		0,620	0,036	5,9	18	0	CVPG	0,624	0,014	27%	0,455	0,793	18
(926) Medirox D-Dimer		0,461	0,11	23	7	0	CVPG	0,455	0,092	27%	0,332	0,578	7
(942) Nordic Red D-dimer		0,492	0,041	8,3	6	0	CVPG	0,492	0,040	27%	0,359	0,625	6
(986) Radiometer AQT90 FLEX D-Dimer		1,92	0,19	9,7	7	0	CVPG	1,95	0,12	27%	1,42	2,48	7
Other					1	0							0
								1x 965					

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End of report

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