

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: 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>					657							628	588	94%	
Samples and groups	[mg/L FEU]														
<b>Sample A</b>		1,73	0,29	17	657							628	607	97%	
(900) BioMerieux Vidas D-Dimer Exclusion II		2,00	0,085	4,2	36	0	CVPG	2 0,035	27%	1,46	2,54	36			
(917) Siemens Innovance D-Dimer		1,73	0,11	6,2	280	0	CVPG	1,73 0,016	27%	1,26	2,2	280			
(918) Siemens Immulite D-Dimer		1,56	0,28	18	5	0	CVPG	1,56 0,79	27%	1,13	1,99	5			
(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		1,12	0,21	18	12	0	CVPG	1,12 0,15	27%	0,817	1,43	12			
(955) Stago Liatest D-Dimer		2,01	0,14	7,0	40	0	CVPG	2,01 0,055	27%	1,46	2,56	40			
(958) Stago Liatest D-Dimer Plus		2,03	0,12	6,1	98	0	CVPG	2,03 0,031	27%	1,48	2,58	98			
(976) I.L. HemosIL D-Dimer HS 500		1,61	0,14	8,4	78	0	CVPG	1,61 0,038	27%	1,17	2,05	78			
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		1,13	0,095	8,5	29	0	CVPG	1,13 0,043	27%	0,824	1,44	29			
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		1,09	0,091	8,4	17	0	CVPG	1,09 0,054	27%	0,795	1,39	17			
(988) Diagon Dia-D-Dimer		1,38	0,33	24	20	0	CVPG	1,38 0,18	27%	1	1,76	20			
Other					29	0						0			
								3x 932, 1x 933, 1x 942, 1x 948, 1x 956, 4x 962, 4x 977, 3x 978, 2x 984, 4x 985, 1x 986, 1x 993, 3x 999					628	592	94%
<b>Sample B</b>		0,532	0,082	15	657							628	592	94%	
(900) BioMerieux Vidas D-Dimer Exclusion II		0,531	0,031	5,8	36	0	CVPG	0,531 0,013	27%	0,387	0,675	36			
(917) Siemens Innovance D-Dimer		0,563	0,045	8,0	280	0	CVPG	0,563 ,0066	27%	0,41	0,716	280			
(918) Siemens Immulite D-Dimer		0,449	0,076	17	5	0	CVPG	0,449 0,21	27%	0,327	0,571	5			
(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		0,285	0,055	19	12	0	CVPG	0,285 0,039	27%	0,208	0,362	12			
(955) Stago Liatest D-Dimer		0,504	0,061	12	40	0	CVPG	0,504 0,024	27%	0,367	0,641	40			
(958) Stago Liatest D-Dimer Plus		0,496	0,061	12	98	0	CVPG	0,496 0,015	27%	0,362	0,63	98			
(976) I.L. HemosIL D-Dimer HS 500		0,550	0,073	13	78	0	CVPG	0,55 0,020	27%	0,401	0,699	78			
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,318	0,074	23	29	0	CVPG	0,318 0,034	27%	0,232	0,404	29			
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,320	0,11	34	17	0	CVPG	0,32 0,065	27%	0,233	0,407	17			
(988) Diagon Dia-D-Dimer		0,698	0,14	20	20	0	CVPG	0,698 0,078	27%	0,509	0,887	20			
Other					29	0						0			
								3x 932, 1x 933, 1x 942, 1x 948, 1x 956, 4x 962, 4x 977, 3x 978, 2x 984, 4x 985, 1x 986, 1x 993, 3x 999					75	71	95%
<b>(477) D Dimers (DDim)</b>					78							75	71	95%	
Samples and groups	[mg/L D Dimer]														
<b>Sample A</b>		0,574	0,10	18	78							75	72	96%	
(920) I.L. HemosIL D-Dimer		0,696	0,099	14	10	0	CVPG	0,696 0,077	27%	0,508	0,884	10			
(921) I.L. HemosIL D-Dimer HS		0,557	0,025	4,5	39	0	CVPG	0,557 ,0099	27%	0,406	0,708	39			
(926) Medirox D-Dimer		0,478	0,069	15	11	0	CVPG	0,478 0,051	27%	0,348	0,608	11			
(942) Nordic Red D-dimer		0,480	0,034	7,1	6	0	CVPG	0,48 0,048	27%	0,35	0,61	6			
(986) Radiometer AQT90 FLEX D-Dimer		1,89	0,082	4,3	9	0	CVPG	1,89 0,10	27%	1,37	2,41	9			
Other					3	0						0			
								1x 915, 1x 965, 1x 973					75	72	96%
<b>Sample B</b>		0,223	0,074	33	78							75	72	96%	
(920) I.L. HemosIL D-Dimer		0,296	0,032	11	10	0	CVPG	0,296 0,025	27%	0,216	0,376	10			
(921) I.L. HemosIL D-Dimer HS		0,211	0,019	9,1	39	0	CVPG	0,211 ,0075	27%	0,154	0,268	39			
(926) Medirox D-Dimer		0,147	0,016	11	11	0	CVPG	0,147 0,012	27%	0,107	0,187	11			
(942) Nordic Red D-dimer		0,150	0,03	20	6	0	CVPG	0,15 0,041	27%	0,109	0,191	6			
(986) Radiometer AQT90 FLEX D-Dimer		0,529	0,046	8,7	9	0	CVPG	0,529 0,057	27%	0,386	0,672	9			
Other					3	1						0			
								1x 915, 1x 965, 1x 973							

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End of report

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