

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: 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 _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(476) D Dimers (FEU)					648							632	598	95%
Samples and groups	[mg/L FEU]													
Sample A		0,724	0,088	12	648							632	617	98%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,760	0,033	4,4	30	0	CVPG	0,76	0,015	27%	0,554	0,966	30	
(917) Siemens Innovance D-Dimer		0,754	0,063	8,4	279	0	CVPG	0,754	0,093	27%	0,55	0,958	279	
(918) Siemens Immulite D-Dimer		0,711	0,058	8,1	8	0	CVPG	0,711	0,044	27%	0,519	0,903	8	
(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		0,387	0,054	14	11	0	CVPG	0,387	0,040	27%	0,282	0,492	11	
(955) Stago Liatest D-Dimer		0,732	0,056	7,6	38	0	CVPG	0,732	0,022	27%	0,534	0,93	38	
(958) Stago Liatest D-Dimer Plus		0,729	0,068	9,3	90	0	CVPG	0,729	0,017	27%	0,532	0,926	90	
(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		0,703	0,052	7,4	87	0	CVPG	0,703	0,014	27%	0,513	0,893	87	
(978) I.L. HemosIL Acustar D-Dimer		0,784	0,005	0,66	5	0	CVPG	0,784	0,015	27%	0,572	0,996	5	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,461	0,094	20	29	0	CVPG	0,461	0,043	27%	0,336	0,586	29	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,500	0,074	15	16	0	CVPG	0,5	0,046	27%	0,365	0,635	16	
(988) Diagon Dia-D-Dimer		0,751	0,17	22	20	0	CVPG	0,751	0,092	27%	0,548	0,954	20	
Other					16	0							0	
								1x 926, 2x 932, 1x 948, 1x 956, 3x 977, 2x 984, 4x 985, 1x 993, 1x 999				632	603	95%
Sample B		0,591	0,089	15	648							632	603	95%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,610	0,021	3,4	30	0	CVPG	0,61	0,094	27%	0,445	0,775	30	
(917) Siemens Innovance D-Dimer		0,633	0,058	9,2	279	1	CVPG	0,633	0,085	27%	0,462	0,804	279	
(918) Siemens Immulite D-Dimer		0,553	0,081	15	8	0	CVPG	0,553	0,062	27%	0,403	0,703	8	
(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		0,317	0,055	17	11	0	CVPG	0,317	0,041	27%	0,231	0,403	11	
(955) Stago Liatest D-Dimer		0,538	0,087	16	38	0	CVPG	0,538	0,034	27%	0,392	0,684	38	
(958) Stago Liatest D-Dimer Plus		0,557	0,065	12	90	0	CVPG	0,557	0,017	27%	0,406	0,708	90	
(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		0,573	0,045	7,9	87	0	CVPG	0,573	0,012	27%	0,418	0,728	87	
(978) I.L. HemosIL Acustar D-Dimer		0,639	0,027	4,3	5	0	CVPG	0,639	0,078	27%	0,466	0,812	5	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,378	0,082	22	29	0	CVPG	0,378	0,037	27%	0,275	0,481	29	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,426	0,094	22	16	0	CVPG	0,426	0,058	27%	0,31	0,542	16	
(988) Diagon Dia-D-Dimer		1,01	0,22	22	20	0	CVPG	1,01	0,12	27%	0,737	1,29	20	
Other					16	0							0	
								1x 926, 2x 932, 1x 948, 1x 956, 3x 977, 2x 984, 4x 985, 1x 993, 1x 999				632	603	95%
(477) D Dimers (DDim)					83							69	67	97%
Samples and groups	[mg/L D Dimer]													
Sample A		0,299	0,13	45	83							69	68	99%
(920) I.L. HemosIL D-Dimer		0,285	0,054	19	7	0	CVPG	0,285	0,053	27%	0,208	0,362	7	
(921) I.L. HemosIL D-Dimer HS		0,252	0,019	7,4	38	0	CVPG	0,252	0,075	27%	0,183	0,321	38	
(926) Medirox D-Dimer		0,185	0,037	20	8	0	CVPG	0,185	0,028	27%	0,135	0,235	8	
(942) Nordic Red D-dimer		0,169	0,058	34	6	0	CVPG	0,169	0,081	27%	0,123	0,215	6	
(965) Abbott Quantia D-Dimer		0,468	0,21	45	5	0	CVPG	0,468	0,60	27%	0,341	0,595	0	
(986) Radiometer AQT90 FLEX D-Dimer		0,779	0,073	9,3	10	0	CVPG	0,779	0,056	27%	0,568	0,99	10	
(999) another manufacturer		0,765	0,052	6,8	5	0	CVPG	0,765	0,15	27%	0,558	0,972	0	
Other					4	0							0	
								1x 915, 1x 947, 1x 975, 1x 988				69	67	97%
Sample B		0,285	0,14	48	83							69	67	97%
(920) I.L. HemosIL D-Dimer		0,281	0,04	14	7	0	CVPG	0,281	0,039	27%	0,205	0,357	7	
(921) I.L. HemosIL D-Dimer HS		0,241	0,02	8,2	38	0	CVPG	0,241	0,079	27%	0,175	0,307	38	
(926) Medirox D-Dimer		0,162	0,027	16	8	0	CVPG	0,162	0,020	27%	0,118	0,206	8	
(942) Nordic Red D-dimer		0,138	0,056	40	6	0	CVPG	0,138	0,078	27%	0,1	0,176	6	
(965) Abbott Quantia D-Dimer		0,413	0,17	42	5	0	CVPG	0,413	0,49	27%	0,301	0,525	0	
(986) Radiometer AQT90 FLEX D-Dimer		0,585	0,034	5,9	10	0	CVPG	0,585	0,027	27%	0,427	0,743	10	
(999) another manufacturer		0,584	0,025	4,2	5	0	CVPG	0,584	0,069	27%	0,426	0,742	0	
Other					4	0							0	
								1x 915, 1x 947, 1x 975, 1x 988				69	67	97%

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End of report

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