

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: 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 _{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)					645							618	586	95%
Samples and groups	[mg/L FEU]													
Sample A					645							618	593	96%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,538	0,083	15	645							618	593	96%
(917) Siemens Innovance D-Dimer		0,547	0,032	5,9	31	0	CVPG	0,547	0,014	27%	0,399	0,695	31	
(929) Mitsubishi Pathfast D-Dimer		0,573	0,05	8,7	273	0	CVPG	0,573	0,074	27%	0,418	0,728	273	
(938) Olympus D-Dimer		0,887	0,053	5,9	6	0	CVPG	0,887	0,074	27%	0,647	1,13	6	
(947) Roche Cardiac Reader DD test		0,330	0,059	18	7	0	CVPG	0,33	0,058	27%	0,24	0,42	7	
(955) Stago Liatest D-Dimer		0,268	0,047	18	12	0	CVPG	0,268	0,033	27%	0,195	0,341	12	
(958) Stago Liatest D-Dimer Plus		0,503	0,075	15	34	0	CVPG	0,503	0,032	27%	0,367	0,639	34	
(962) Beckman Coulter D-Dimer		0,511	0,067	13	98	0	CVPG	0,511	0,017	27%	0,373	0,649	98	
(976) I.L. HemosIL D-Dimer HS 500		0,300	0,03	9,9	6	0	CVPG	0,3	0,041	27%	0,219	0,381	6	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,528	0,056	11	84	0	CVPG	0,528	0,015	27%	0,385	0,671	84	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,323	0,071	22	31	0	CVPG	0,323	0,031	27%	0,235	0,411	31	
(988) Diagon Dia-D-Dimer		0,392	0,079	20	17	0	CVPG	0,392	0,047	27%	0,286	0,498	17	
Other		0,691	0,079	11	19	0	CVPG	0,691	0,044	27%	0,504	0,878	19	
					27	0						0		
								4x 918, 2x 932, 1x 948, 1x 956, 1x 965, 1x 975, 3x 977, 4x 978, 2x 984, 4x 985, 1x 993, 3x 999						
Sample B		1,85	0,30	16	645							618	604	98%
(900) BioMerieux Vidas D-Dimer Exclusion II		2,10	0,14	6,8	31	0	CVPG	2,1	0,063	27%	1,53	2,67	31	
(917) Siemens Innovance D-Dimer		1,85	0,14	7,6	273	0	CVPG	1,85	0,021	27%	1,35	2,35	273	
(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		1,08	0,18	17	12	0	CVPG	1,08	0,13	27%	0,788	1,38	12	
(955) Stago Liatest D-Dimer		2,16	0,17	7,9	34	0	CVPG	2,16	0,071	27%	1,57	2,75	34	
(958) Stago Liatest D-Dimer Plus		2,13	0,11	5,0	98	0	CVPG	2,13	0,026	27%	1,55	2,71	98	
(962) Beckman Coulter D-Dimer		1,12	0,067	6,0	6	0	CVPG	1,12	0,093	27%	0,817	1,43	6	
(976) I.L. HemosIL D-Dimer HS 500		1,64	0,13	7,7	84	0	CVPG	1,64	0,034	27%	1,19	2,09	84	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		1,29	0,14	11	31	0	CVPG	1,29	0,064	27%	0,941	1,64	31	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		1,28	0,11	8,8	17	0	CVPG	1,28	0,067	27%	0,934	1,63	17	
(988) Diagon Dia-D-Dimer		1,91	0,12	6,3	19	0	CVPG	1,91	0,068	27%	1,39	2,43	19	
Other					27	0						0		
								4x 918, 2x 932, 1x 948, 1x 956, 1x 965, 1x 975, 3x 977, 4x 978, 2x 984, 4x 985, 1x 993, 3x 999						
(477) D Dimers (DDim)					84							77	72	94%
Samples and groups	[mg/L D Dimer]													
Sample A					84							77	72	94%
(920) I.L. HemosIL D-Dimer		0,236	0,092	39	84							77	72	94%
(921) I.L. HemosIL D-Dimer HS		0,281	0,039	14	7	0	CVPG	0,281	0,038	27%	0,205	0,357	7	
(926) Medirox D-Dimer		0,217	0,023	10	43	0	CVPG	0,217	0,084	27%	0,158	0,276	43	
(942) Nordic Red D-dimer		0,127	0,005	4,1	9	0	CVPG	0,127	0,064	27%	0,092	0,162	9	
(986) Radiometer AQT90 FLEX D-Dimer		0,154	0,042	28	7	0	CVPG	0,154	0,041	27%	0,112	0,196	7	
Other		0,511	0,043	8,4	11	0	CVPG	0,511	0,032	27%	0,373	0,649	11	
					7	1						0		
								1x 917, 1x 965, 1x 973, 1x 975, 1x 987, 1x 988, 1x 999						
Sample B		0,666	0,17	26	84							77	75	97%
(920) I.L. HemosIL D-Dimer		0,783	0,12	15	7	0	CVPG	0,783	0,12	27%	0,571	0,995	7	
(921) I.L. HemosIL D-Dimer HS		0,624	0,036	5,8	43	0	CVPG	0,624	0,014	27%	0,455	0,793	43	
(926) Medirox D-Dimer		0,455	0,075	16	9	0	CVPG	0,455	0,092	27%	0,332	0,578	9	
(942) Nordic Red D-dimer		0,492	0,041	8,3	7	0	CVPG	0,492	0,040	27%	0,359	0,625	7	
(986) Radiometer AQT90 FLEX D-Dimer		1,95	0,16	8,5	11	0	CVPG	1,95	0,12	27%	1,42	2,48	11	
Other					7	0						0		
								1x 917, 1x 965, 1x 973, 1x 975, 1x 987, 1x 988, 1x 999						

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End of report

Printed: 04.10.2018