

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

## EQA round: DD1/21 - D Dimers

Deadline: 02.04.2021

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 the 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>					789						768	712	93%
Samples and groups	[mg/L FEU]												
<b>Sample A</b>		0,374	0,053	14	789						768	719	94%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,396	0,037	9,3	26	0	CVPG	0,396	0,018	27%	0,289	0,503	26
(917) Siemens Innovance D-Dimer		0,368	0,029	8,0	363	0	CVPG	0,368	,0038	27%	0,268	0,468	363
(929) Mitsubishi Pathfast D-Dimer		0,615	0,053	8,6	7	0	CVPG	0,615	0,051	27%	0,448	0,782	7
(935) Mindray D-Dimer		0,417	0,05	12	8	0	CVPG	0,417	0,038	27%	0,304	0,53	8
(947) Roche Cardiac D-Dimer		0,191	0,022	12	18	0	CVPG	0,191	0,013	27%	0,139	0,243	18
(955) Stago Liatest D-Dimer		0,397	0,065	16	21	0	CVPG	0,397	0,035	27%	0,289	0,505	21
(958) Stago Liatest D-Dimer Plus		0,398	0,048	12	95	0	CVPG	0,398	0,012	27%	0,29	0,506	95
(962) Beckman Coulter D-Dimer		0,270	0,045	16	7	0	CVPG	0,27	0,043	27%	0,197	0,343	7
(976) IL HemosIL D-Dimer HS 500		0,402	0,045	11	156	0	CVPG	0,402	,0089	27%	0,293	0,511	156
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,242	0,06	25	40	0	CVPG	0,242	0,023	27%	0,176	0,308	40
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,301	0,098	33	13	0	CVPG	0,301	0,066	27%	0,219	0,383	13
(988) Diagon Dia-D-Dimer		0,274	0,072	26	14	0	CVPG	0,274	0,047	27%	0,2	0,348	14
Other					21	0							0
								2x 904, 1x 916, 4x 918, 1x 956, 2x 975, 2x 977, 1x 978, 2x 984, 2x 985, 4x 999					
<b>Sample B</b>		0,980	0,11	11	789						768	745	97%
(900) BioMerieux Vidas D-Dimer Exclusion II		1,00	0,081	8,0	26	0	CVPG	1	0,039	27%	0,73	1,27	26
(917) Siemens Innovance D-Dimer		1,00	0,064	6,4	363	0	CVPG	1	,0082	27%	0,73	1,27	363
(929) Mitsubishi Pathfast D-Dimer		1,63	0,13	7,8	7	0	CVPG	1,63	0,12	27%	1,18	2,08	7
(935) Mindray D-Dimer		0,930	0,18	19	8	0	CVPG	0,93	0,13	27%	0,678	1,19	8
(947) Roche Cardiac D-Dimer		0,536	0,05	9,3	18	0	CVPG	0,536	0,029	27%	0,391	0,681	18
(955) Stago Liatest D-Dimer		1,03	0,076	7,4	21	0	CVPG	1,03	0,041	27%	0,751	1,31	21
(958) Stago Liatest D-Dimer Plus		1,07	0,096	9,0	95	0	CVPG	1,07	0,024	27%	0,781	1,36	95
(962) Beckman Coulter D-Dimer		0,610	0,059	9,7	7	0	CVPG	0,61	0,058	27%	0,445	0,775	7
(976) IL HemosIL D-Dimer HS 500		0,978	0,079	8,1	156	0	CVPG	0,978	0,016	27%	0,713	1,25	156
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,634	0,10	16	40	0	CVPG	0,634	0,039	27%	0,462	0,806	40
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,693	0,093	13	13	0	CVPG	0,693	0,063	27%	0,505	0,881	13
(988) Diagon Dia-D-Dimer		0,672	0,12	18	14	0	CVPG	0,672	0,079	27%	0,49	0,854	14
Other					21	0							0
								2x 904, 1x 916, 4x 918, 1x 956, 2x 975, 2x 977, 1x 978, 2x 984, 2x 985, 4x 999					
<b>(477) D Dimers (DDim)</b>					82						77	70	91%
Samples and groups	[mc/L D Dimer]												
<b>Sample A</b>		0,239	0,12	50	82						77	72	94%
(920) IL HemosIL D-Dimer		0,241	0,023	9,4	10	0	CVPG	0,241	0,018	27%	0,175	0,307	10
(921) IL HemosIL D-Dimer HS		0,156	0,028	18	36	1	CVPG	0,156	0,012	27%	0,113	0,199	36
(926) Medirox D-Dimer		0,113	0,011	9,9	5	0	CVPG	0,113	0,031	27%	0,082	0,144	5
(986) Radiometer AQT90 FLEX D-Dimer		0,397	0,029	7,3	15	0	CVPG	0,397	0,018	27%	0,289	0,505	15
(987) Sysmex LIAS Auto D-Dimer Neo		0,349	0,017	4,9	11	0	CVPG	0,349	0,013	27%	0,254	0,444	11
Other					5	2							0
								1x 942, 1x 947, 1x 962, 1x 965, 1x 973					
<b>Sample B</b>		0,548	0,36	65	82						77	74	96%
(920) IL HemosIL D-Dimer		0,427	0,037	8,6	10	0	CVPG	0,427	0,029	27%	0,311	0,543	10
(921) IL HemosIL D-Dimer HS		0,323	0,024	7,4	36	0	CVPG	0,323	,0097	27%	0,235	0,411	36
(926) Medirox D-Dimer		0,224	0,008	4,0	5	1	CVPG	0,224	,0089	27%	0,163	0,285	5
(986) Radiometer AQT90 FLEX D-Dimer		1,02	0,081	7,9	15	0	CVPG	1,02	0,052	27%	0,744	1,3	15
(987) Sysmex LIAS Auto D-Dimer Neo		0,970	0,083	8,6	11	0	CVPG	0,97	0,061	27%	0,708	1,24	11
Other					5	0							0
								1x 942, 1x 947, 1x 962, 1x 965, 1x 973					

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End of report

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