

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

## EQA round: DD4/20 - D Dimers

Deadline: 20.11.2020

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							
		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>					740							723	686	95%
— Samples and groups	[mg/L FEU]													
<b>Sample A</b>		0,761	0,097	13	740							723	707	98%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,779	0,07	9,0	26	0	CVPG	0,779	0,034	27%	0,568	0,99	26	
(917) Siemens Innovance D-Dimer		0,787	0,059	7,4	340	0	CVPG	0,787	0,0078	27%	0,574	1	340	
(918) Siemens Immulite D-Dimer		0,342	0,062	18	5	0	CVPG	0,342	0,18	27%	0,249	0,435	5	
(929) Mitsubishi Pathfast D-Dimer		0,811	0,072	8,9	8	0	CVPG	0,811	0,055	27%	0,592	1,03	8	
(947) Roche Cardiac D-Dimer		0,452	0,056	12	15	0	CVPG	0,452	0,035	27%	0,329	0,575	15	
(955) Stago Liatest D-Dimer		0,805	0,075	9,3	24	0	CVPG	0,805	0,037	27%	0,587	1,03	24	
(958) Stago Liatest D-Dimer Plus		0,844	0,071	8,5	91	0	CVPG	0,844	0,018	27%	0,616	1,08	91	
(962) Beckman Coulter D-Dimer		0,441	0,044	10	10	0	CVPG	0,441	0,034	27%	0,321	0,561	10	
(976) IL HemosIL D-Dimer HS 500		0,741	0,057	7,7	130	0	CVPG	0,741	0,012	27%	0,54	0,942	130	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,503	0,069	14	33	0	CVPG	0,503	0,030	27%	0,367	0,639	33	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,561	0,097	17	18	0	CVPG	0,561	0,056	27%	0,409	0,713	18	
(985) Boditech i-Chroma D-Dimer		0,988	0,32	33	5	0	CVPG	0,988	0,92	27%	0,721	1,26	5	
(988) Diagon Dia-D-Dimer		0,403	0,039	9,6	18	0	CVPG	0,403	0,022	27%	0,294	0,512	18	
(999) another manufacturer		0,717	0,16	22	7	0	CVPG	0,717	0,15	27%	0,523	0,911	0	
Other					10	0							0	
								1x 916, 1x 932, 1x 956, 1x 965, 2x 975, 1x 977, 1x 978, 2x 984						
<b>Sample B</b>		0,424	0,058	14	740							723	693	96%
(900) BioMerieux Vidas D-Dimer Exclusion II		0,470	0,05	11	26	0	CVPG	0,47	0,024	27%	0,343	0,597	26	
(917) Siemens Innovance D-Dimer		0,439	0,034	7,8	340	0	CVPG	0,439	0,0045	27%	0,32	0,558	340	
(918) Siemens Immulite D-Dimer		0,295	0,022	7,5	5	0	CVPG	0,295	0,063	27%	0,215	0,375	5	
(929) Mitsubishi Pathfast D-Dimer		0,642	0,056	8,8	8	0	CVPG	0,642	0,043	27%	0,468	0,816	8	
(947) Roche Cardiac D-Dimer		0,250	0,037	15	15	0	CVPG	0,25	0,024	27%	0,182	0,318	15	
(955) Stago Liatest D-Dimer		0,419	0,049	12	24	0	CVPG	0,419	0,025	27%	0,305	0,533	24	
(958) Stago Liatest D-Dimer Plus		0,416	0,052	13	91	0	CVPG	0,416	0,013	27%	0,303	0,529	91	
(962) Beckman Coulter D-Dimer		0,281	0,044	16	10	0	CVPG	0,281	0,034	27%	0,205	0,357	10	
(976) IL HemosIL D-Dimer HS 500		0,435	0,048	11	130	0	CVPG	0,435	0,010	27%	0,317	0,553	130	
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,303	0,053	17	33	0	CVPG	0,303	0,022	27%	0,221	0,385	33	
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,359	0,11	30	18	0	CVPG	0,359	0,062	27%	0,262	0,456	18	
(985) Boditech i-Chroma D-Dimer		0,457	0,082	18	5	0	CVPG	0,457	0,23	27%	0,333	0,581	5	
(988) Diagon Dia-D-Dimer		0,260	0,029	11	18	0	CVPG	0,26	0,017	27%	0,189	0,331	18	
(999) another manufacturer		0,430	0,13	31	7	0	CVPG	0,43	0,13	27%	0,313	0,547	0	
Other					10	0							0	
								1x 916, 1x 932, 1x 956, 1x 965, 2x 975, 1x 977, 1x 978, 2x 984						
<b>(477) D Dimers (DDim)</b>					76							71	68	96%
— Samples and groups	[mg/L D Dimer]													
<b>Sample A</b>		0,420	0,31	73	76							71	68	96%
(920) IL HemosIL D-Dimer		0,339	0,047	14	9	0	CVPG	0,339	0,059	27%	0,247	0,431	9	
(921) IL HemosIL D-Dimer HS		0,256	0,023	9,0	37	0	CVPG	0,256	0,093	27%	0,186	0,326	37	
(926) Medirox D-Dimer		0,149	0,008	6,0	5	0	CVPG	0,149	0,025	27%	0,108	0,19	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,995	0,10	10	13	0	CVPG	0,995	0,068	27%	0,726	1,27	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,788	0,053	6,8	7	0	CVPG	0,788	0,052	27%	0,575	1,01	7	
Other					5	0							0	
								1x 918, 1x 942, 1x 947, 1x 975, 1x 976						
<b>Sample B</b>		0,248	0,14	56	76							71	68	96%
(920) IL HemosIL D-Dimer		0,243	0,014	5,8	9	0	CVPG	0,243	0,017	27%	0,177	0,309	9	
(921) IL HemosIL D-Dimer HS		0,167	0,022	13	37	0	CVPG	0,167	0,086	27%	0,121	0,213	37	
(926) Medirox D-Dimer		0,115	0,018	15	5	0	CVPG	0,115	0,050	27%	0,083	0,147	5	
(986) Radiometer AQT90 FLEX D-Dimer		0,463	0,047	10	13	0	CVPG	0,463	0,032	27%	0,337	0,589	13	
(987) Sysmex LIAS Auto D-Dimer Neo		0,432	0,017	3,9	7	0	CVPG	0,432	0,017	27%	0,315	0,549	7	
Other					5	0							0	
								1x 918, 1x 942, 1x 947, 1x 975, 1x 976						

st\_kn\_p

End of report

Printed: 08.12.2020