

EQA round: DD1/25 - D Dimers

Deadline: 28.3.2025

Setup: groups - R (manufacturer of kit); minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVPG = consensus of the participants' groups	LL = lower limit
CV = coefficient of variation	U _{AV} = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N _{tot} = total number of the results		N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}	LL	UL			
(476) D Dimers (FEU)	[mg/L FEU]				864							847	836	99
Sample A 25.33		0,433	0,17	40	864							847	837	99
(900) BioMerieux Vidas D-Dimer Exclusion II		0,24	0,023	9,4	18	0	CVPG 0,24	0,013 ±0,189	0,051	0,429		18		
(917) Siemens Innovance D-Dimer		0,566	0,061	11	395	0	CVPG 0,566	0,008 ±0,189	0,377	0,755		395		
(929) Mitsubishi Pathfast D-Dimer		0,313	0,033	10	9	0	CVPG 0,313	0,04 ±0,189	0,124	0,502		9		
(935) Mindray D-Dimer		0,319	0,029	9	23	0	CVPG 0,319	0,015 ±0,189	0,13	0,508		23		
(947) Roche Cardiac D-Dimer		0,128	0,026	20	17	0	CVPG 0,128	0,015 ±0,189	0	0,317		17		
(955) Stago Liatest D-Dimer		0,214	0,065	31	14	0	CVPG 0,214	0,043 ±0,189	0,025	0,403		14		
(958) Stago Liatest D-Dimer Plus		0,207	0,081	39	107	0	CVPG 0,207	0,019 ±0,189	0,018	0,396		107		
(962) Beckman Coulter D-Dimer		0,162	0,027	17	5	0	CVPG 0,162	0,077 ±0,189	0	0,351		5		
(976) IL HemosIL D-Dimer HS 500		0,425	0,056	13	209	1	CVPG 0,425	0,009 ±0,189	0,236	0,614		209		
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,206	0,042	20	37	0	CVPG 0,206	0,017 ±0,189	0,017	0,395		37		
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,217	0,043	20	13	0	CVPG 0,217	0,029 ±0,189	0,028	0,406		13		
Other					17	0						0		
							3x 901, 1x 902, 3x 916, 1x 918, 2x 977, 2x 978, 2x 984, 3x 985							
Sample B 25.34		1,26	0,37	29	864							847	844	100
(900) BioMerieux Vidas D-Dimer Exclusion II		0,85	0,067	7,9	18	0	CVPG 0,85	0,039	27%	0,62	1,08	18		
(917) Siemens Innovance D-Dimer		1,41	0,078	5,5	395	0	CVPG 1,41	0,01	27%	1,02	1,8	395		
(929) Mitsubishi Pathfast D-Dimer		4,99	0,022	0,45	9	0	CVPG 4,99	0,027	27%	3,64	6,34	9		
(935) Mindray D-Dimer		1,22	0,11	8,6	23	0	CVPG 1,22	0,054	27%	0,89	1,55	23		
(947) Roche Cardiac D-Dimer		0,767	0,13	17	17	0	CVPG 0,767	0,078	27%	0,559	0,975	17		
(955) Stago Liatest D-Dimer		0,653	0,038	5,8	14	0	CVPG 0,653	0,025 ±0,189	0,464	0,842		14		
(958) Stago Liatest D-Dimer Plus		0,619	0,058	9,3	107	0	CVPG 0,619	0,014 ±0,189	0,43	0,808		107		
(962) Beckman Coulter D-Dimer		0,31	0,015	4,8	5	0	CVPG 0,31	0,042 ±0,189	0,121	0,499		5		
(976) IL HemosIL D-Dimer HS 500		1,51	0,1	6,9	209	1	CVPG 1,51	0,018	27%	1,1	1,92	209		
(979) Roche Tinaquant 2nd generation (calibration: heparin plasma)		0,391	0,072	18	37	0	CVPG 0,391	0,029 ±0,189	0,202	0,58		37		
(980) Roche Tinaquant 2nd generation (calibration: citrate plasma)		0,403	0,07	17	13	0	CVPG 0,403	0,047 ±0,189	0,214	0,592		13		
Other					17	0						0		
							3x 901, 1x 902, 3x 916, 1x 918, 2x 977, 2x 978, 2x 984, 3x 985							
(477) D Dimers (DDim)	[mg/L D Dimer]				66							57	52	91
Sample A 25.33		0,237	0,15	62	66							57	52	91
(921) IL HemosIL D-Dimer HS		0,133	0,025	19	30	0	CVPG 0,133	0,011 ±0,081	0,052	0,214		30		
(986) Radiometer AQT90 FLEX D-Dimer		0,248	0,024	9,6	16	0	CVPG 0,248	0,015 ±0,081	0,167	0,329		16		
(987) Sysmex LIAS Auto D-Dimer Neo		0,584	0,054	9,2	11	0	CVPG 0,584	0,04	27%	0,426	0,742	11		
Other					9	0						0		
							1x 905, 3x 920, 1x 942, 3x 947, 1x 985							
Sample B 25.34		0,696	0,31	45	66							57	53	93
(921) IL HemosIL D-Dimer HS		0,515	0,045	8,8	30	0	CVPG 0,515	0,02	27%	0,375	0,655	30		
(986) Radiometer AQT90 FLEX D-Dimer		0,578	0,022	3,8	16	0	CVPG 0,578	0,014	27%	0,421	0,735	16		
(987) Sysmex LIAS Auto D-Dimer Neo		1,38	0,079	5,8	11	0	CVPG 1,38	0,059	27%	1	1,76	11		
Other					9	0						0		
							1x 905, 3x 920, 1x 942, 3x 947, 1x 985							