

EQA round: DD2/23 - D Dimers

Deadline: 16.6.2023

Setup: groups - manufacturer of kit; Czech Republic; 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]				230							220	213	97
Vzorek A 23.35		1,01	0,43	43	230							220	213	97
(917) Siemens Innovance D-Dimer		1,27	0,12	9,3	136	0	CVPG 1,22	0,012	27%	0,89	1,55	136		
(929) Mitsubishi Pathfast D-Dimer		0,681	0,054	8	7	0	CVPG 0,681	0,053 ±0,189	0,492	0,87		7		
(947) Roche Cardiac D-Dimer		0,266	0,034	13	12	0	CVPG 0,262	0,028 ±0,189	0,073	0,451		12		
(955) Stago Liatest D-Dimer		0,47	0,089	19	5	0	CVPG 0,476	0,038 ±0,189	0,287	0,665		5		
(958) Stago Liatest D-Dimer Plus		0,44	0,061	14	22	0	CVPG 0,438	0,015 ±0,189	0,249	0,627		22		
(976) IL HemosIL D-Dimer HS 500		0,991	0,071	7,2	27	0	CVPG 0,961	0,013	27%	0,701	1,23	27		
Other					21	0						11		
							3x 900, 2x 918, 4x 962, 2x 965, 4x 980, 2x 984, 2x 985, 2x 999							
Vzorek B 23.36		0,473	0,089	19	230							220	219	100
(917) Siemens Innovance D-Dimer		0,485	0,042	8,6	136	0	CVPG 0,469	0,005 ±0,189	0,28	0,658		136		
(929) Mitsubishi Pathfast D-Dimer		0,655	0,035	5,3	7	0	CVPG 0,655	0,034 ±0,189	0,466	0,844		7		
(947) Roche Cardiac D-Dimer		0,238	0,041	17	12	0	CVPG 0,23	0,028 ±0,189	0,041	0,419		12		
(955) Stago Liatest D-Dimer		0,405	0,037	9,2	5	0	CVPG 0,451	0,053 ±0,189	0,262	0,64		5		
(958) Stago Liatest D-Dimer Plus		0,403	0,046	11	22	0	CVPG 0,405	0,011 ±0,189	0,216	0,594		22		
(976) IL HemosIL D-Dimer HS 500		0,586	0,046	7,8	27	0	CVPG 0,557	0,01 ±0,189	0,368	0,746		27		
Other					21	0						11		
							3x 900, 2x 918, 4x 962, 2x 965, 4x 980, 2x 984, 2x 985, 2x 999							
(477) D Dimers (DDim)	[mg/L D Dimer]				28							24	23	96
Vzorek A 23.35		0,367	0,14	39	28							24	23	96
(921) IL HemosIL D-Dimer HS		0,271	0,017	6,4	14	0	CVPG 0,265	0,009 ±0,081	0,184	0,346		14		
(986) Radiometer AQT90 FLEX D-Dimer		0,538	0,087	16	10	0	CVPG 0,546	0,059	27%	0,398	0,694	10		
Other					4	0						0		
							1x 947, 1x 958, 2x 999							
Vzorek B 23.36		0,254	0,11	44	28							24	24	100
(921) IL HemosIL D-Dimer HS		0,182	0,017	9,5	14	0	CVPG 0,186	0,008 ±0,081	0,105	0,267		14		
(986) Radiometer AQT90 FLEX D-Dimer		0,367	0,029	8	10	0	CVPG 0,375	0,024	27%	0,273	0,477	10		
Other					4	0						0		
							1x 947, 1x 958, 2x 999							