

## EQA round: DD1/25 - D Dimers

Deadline: 28.3.2025

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

RoM = robust average

AV = assigned value

D<sub>max</sub> = acceptable difference

SD = standard deviation

CVPG = consensus of the participants' groups

LL = lower limit

CV = coefficient of variation

U<sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)

UL = upper limit

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>out</sub> = number of the results removed before calculationN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL			
<b>(476) D Dimers (FEU)</b>	[mg/L FEU]				66							66	64	97
<b>Sample A 25.33</b>		0,45	0,15	34	66							66	64	97
(917) Siemens Innovance D-Dimer		0,568	0,053	9,2	30	0	CVPG 0,566	0,008 ±0,189	0,377	0,755		30		
(935) Mindray D-Dimer		0,319	0,029	9	23	0	CVPG 0,319	0,015 ±0,189	0,13	0,508		23		
(976) IL HemosIL D-Dimer HS 500		0,484	0,046	9,5	9	0	CVPG 0,425	0,009 ±0,189	0,236	0,614		9		
Other					4	0						4		
							1x 929, 1x 958, 2x 962							
<b>Sample B 25.34</b>		1,35	0,17	13	66							66	66	100
(917) Siemens Innovance D-Dimer		1,4	0,079	5,6	30	0	CVPG 1,41	0,01	27%	1,02	1,8	30		
(935) Mindray D-Dimer		1,22	0,11	8,6	23	0	CVPG 1,22	0,054	27%	0,89	1,55	23		
(976) IL HemosIL D-Dimer HS 500		1,53	0,15	9,7	9	0	CVPG 1,51	0,018	27%	1,1	1,92	9		
Other					4	0						4		
							1x 929, 1x 958, 2x 962							