

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of the groups n = 5

EQA round: CSFB2/21 - Cerebrospinal Fluid Analysis

Deadline: 29.11.2021

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 = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(330) Total protein					16							16	15	94%
Samples and groups	[mg/L]													
Sample A		309	36	12	16	CVP	305	11	29%	216	394	16	15	94%
(2) Pyrogallol red		331	16	4,9	9							9		
Other					7							7		
Sample B		612	56	9,1	16	CVP	604	13	27%	440	768	16	16	100%
(2) Pyrogallol red		651	24	3,6	9							9		
Other					7							7		
(331) Glucose					16							16	16	100%
Samples and groups	[mmol/L]													
Sample A		3,34	0,094	2,8	16	CVP	3,36	0,028	18%	2,75	3,97	16	16	100%
(1) GOD photometry		3,33	0,10	3,1	6							6		
(3) Method with hexokinase		3,33	0,037	1,1	9							9		
Other					1							1		
Sample B		1,90	0,072	3,8	16	CVP	1,91	0,017	18%	1,56	2,26	16	16	100%
(1) GOD photometry		1,91	0,13	7,0	6							6		
(3) Method with hexokinase		1,90	0,022	1,2	9							9		
Other					1							1		
(333) Albumin					15							15	14	93%
Samples and groups	[mg/L]													
Sample A		203	15	7,6	15	CVP	195	4,2	23%	150	240	15	15	100%
(1) Immunoturbidimetry		196	11	5,6	10							10		
(2) Immunonephelometry		214	1,50	6,9	5							5		
Sample B		404	22	5,4	15	CVP	390	8,2	23%	300	480	15	14	93%
(1) Immunoturbidimetry		401	27	6,7	10							10		
(2) Immunonephelometry		409	16	3,8	5							5		
(334) IgG					9							9	8	89%
Samples and groups	[mg/L]													
Sample A		32,9	1,6	5,0	9	CVP	32,6	0,93	24%	24,7	40,5	9	8	89%
(3) Immunonephelometry		33,5	0,74	2,2	5							5		
Other					4							4		
Sample B		70,4	4,5	6,4	9	CVP	69,8	1,8	24%	53	86,6	9	9	100%
(3) Immunonephelometry		70,5	4,4	6,2	5							5		
Other					4							4		
(335) IgA					4							4	4	100%
Samples and groups	[mg/L]													
Sample A		6,09	0,36	5,9	4	CVP	5,98	0,21	32%	4,06	7,9	4	4	100%
Other					4							4		
Sample B		9,66	0,78	8,0	4	CVP	9,59	0,40	32%	6,52	12,7	4	4	100%
Other					4							4		
(336) IgM					5							5	4	80%
Samples and groups	[mg/L]													
Sample A		1,97	0,16	8,3	5	CVP	1,94	0,093	31%	1,33	2,55	5	5	100%
Other					5							5		
Sample B		57,8	1,5	2,6	5	CVP	61,8	2,6	31%	42,6	81	5	4	80%
Other					5							5		
(338) Lactate					15							15	14	93%
Samples and groups	[mmol/L]													
Sample A		2,05	0,12	5,7	15	CVP	2,08	0,026	20%	1,66	2,5	15	15	100%
(1) Enzymatic UV method		2,04	0,22	11	8							8		
Other					7							7		
Sample B		7,57	0,28	3,8	15	CVP	7,51	0,079	20%	6	9,02	15	14	93%
(1) Enzymatic UV method		7,51	0,33	4,4	8							8		
Other					7							7		