

Summary statistics - quantitative results

(Groups: measurement principle)

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

EQA round: CSFB1/21 - Cerebrospinal Fluid Analysis

Deadline: 30.03.2021

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 _{AV} = 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	16	100%
Samples and groups	[mg/L]													
Sample A		393	44	11	16	CVP	390	7,6	27%	284	496	16	16	100%
(2) Pyrogallol red		422	18	4,3	9							9		
Other					7							7		
Sample B		871	83	9,5	16	CVP	872	11	27%	636	1110	16	16	100%
(2) Pyrogallol red		934	29	3,1	9							9		
Other					7							7		
(331) Glucose					16							16	16	100%
Samples and groups	[mmol/L]													
Sample A		3,49	0,11	3,3	16	CVP	3,53	0,024	18%	2,89	4,17	16	16	100%
(1) GOD photometry		3,52	0,089	2,5	7							7		
(3) Method with hexokinase		3,51	0,13	3,6	9							9		
Sample B		1,66	0,054	3,3	16	CVP	1,68	0,015	18%	1,37	1,99	16	16	100%
(1) GOD photometry		1,67	0,052	3,1	7							7		
(3) Method with hexokinase		1,65	0,052	3,2	9							9		
(333) Albumin					14							14	13	93%
Samples and groups	[mg/L]													
Sample A		246	20	8,2	14	CVP	238	5,2	23%	183	293	14	13	93%
(1) Immunoturbidimetry		241	24	10	10							10		
Other					4							4		
Sample B		366	34	9,3	14	CVP	359	7,2	23%	276	442	14	13	93%
(1) Immunoturbidimetry		362	37	10	10							10		
Other					4							4		
(334) IgG					9							9	9	100%
Samples and groups	[mg/L]													
Sample A		55,9	3,2	5,7	9	CVP	55,3	1,8	24%	42	68,6	9	9	100%
(3) Immunonephelometry		57,1	1,3	2,3	5							5		
Other					4							4		
Sample B		406	43	11	9	CVP	402	12	24%	305	499	9	9	100%
(3) Immunonephelometry		386	21	5,4	5							5		
Other					4							4		
(335) IgA					4							4	4	100%
Samples and groups	[mg/L]													
Sample A		11,6	1,4	12	4	CVP	10,4	0,35	32%	7,07	13,8	4	4	100%
Other					4							4		
Sample B		18,9	2,3	12	4	CVP	17,8	1,2	32%	12,1	23,5	4	4	100%
Other					4							4		
(336) IgM					5							5	5	100%
Samples and groups	[mg/L]													
Sample A		3,05	0,51	17	5	CVP	3,08	0,18	31%	2,12	4,04	5	5	100%
Other					5							5		
Sample B		15,0	0,74	4,9	5	CVP	14,8	0,73	31%	10,2	19,4	5	5	100%
Other					5							5		
(338) Lactate					15							15	15	100%
Samples and groups	[mmol/L]													
Sample A		1,98	0,12	5,9	15	CVP	2,0	0,23	20%	1,6	2,4	15	15	100%
(1) Enzymatic UV method		1,97	0,17	8,7	8							8		
Other					7							7		
Sample B		3,96	0,17	4,4	15	CVP	3,95	0,037	20%	3,16	4,74	15	15	100%
(1) Enzymatic UV method		3,97	0,22	5,6	8							8		
Other					7							7		