

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: CSFB1/18 - Cerebrospinal Fluid Analysis

Dead line: 03.04.2018

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 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		440	26	6,0	16	CVP	434	5,7	27%	316	552	16	16	100%
(2) Pyrogallol red		453	10	2,3	9	0						9		
Other					7	0						7		
							2x 1, 3x 4, 2x 99							
Sample B		931	45	4,8	16	CVP	922	11	27%	673	1180	16	16	100%
(2) Pyrogallol red		933	26	2,7	9	0						9		
Other					7	0						7		
							2x 1, 3x 4, 2x 99							
(331) Glucose					16							16	16	100%
Samples and groups	[mmol/L]													
Sample A		3,34	0,066	2,0	16	CVP	3,36	0,028	18%	2,75	3,97	16	16	100%
(1) GOD photometry		3,32	0,015	0,45	8	0						8		
(3) Method with hexokinase		3,34	0,12	3,5	8	0						8		
Sample B		1,68	0,049	2,9	16	CVP	1,68	0,017	18%	1,37	1,99	16	16	100%
(1) GOD photometry		1,65	0,015	0,90	8	0						8		
(3) Method with hexokinase		1,69	0,059	3,5	8	0						8		
(333) Albumin					13							13	13	100%
Samples and groups	[mg/L]													
Sample A		260	7,7	3,0	13	CVP	263	4,1	23%	202	324	13	13	100%
(1) Immunoturbidimetry		259	7,3	2,8	10	0						10		
Other					3	0						3		
							3x 2							
Sample B		346	12	3,4	13	CVP	355	6,6	23%	273	437	13	13	100%
(1) Immunoturbidimetry		348	15	4,4	10	0						10		
Other					3	0						3		
							3x 2							
(334) IgG					8							8	7	88%
Samples and groups	[mg/L]													
Sample A		65,0	8,0	12	8	CVP	64,2	1,6	24%	48,7	79,7	8	7	88%
Other					8	0						8		
							4x 2, 4x 3							
Sample B		456	69	15	8	CVP	429	7,9	24%	326	532	8	7	88%
Other					8	0						8		
							4x 2, 4x 3							
(335) IgA					4							4	3	75%
Samples and groups	[mg/L]													
Sample A		12,4	3,3	26	4	CVP	11,2	0,45	32%	7,61	14,8	4	4	100%
Other					4	0						4		
							1x 2, 3x 3							
Sample B		30,8	13	42	4	CVP	23,4	1,6	32%	15,9	30,9	4	3	75%
Other					4	0						4		
							1x 2, 3x 3							
(336) IgM					4							4	4	100%
Samples and groups	[mg/L]													
Sample A		5,17	0,24	4,7	4	CVP	5,09	0,19	31%	3,51	6,67	4	4	100%
Other					4	0						4		
							1x 2, 3x 3							
Sample B		20,4	1,0	5,1	4	CVP	20,6	0,55	31%	14,2	27	4	4	100%
Other					4	0						4		
							1x 2, 3x 3							
(338) Lactate					14							14	14	100%
Samples and groups	[mmol/L]													
Sample A		2,08	0,071	3,4	14	CVP	2,05	0,025	20%	1,64	2,46	14	14	100%
(1) Enzymatic UV method		2,05	0,11	5,4	8	0						8		
Other					6	0						6		
							2x 2, 4x 4							
Sample B		4,10	0,16	4,0	14	CVP	4,06	0,046	20%	3,24	4,88	14	14	100%
(1) Enzymatic UV method		4,06	0,27	6,8	8	0						8		
Other					6	0						6		
							2x 2, 4x 4							

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End of report

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