

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: CSFK1/22 - Cerebrospinal Fluid Diagnostics

Deadline: 29.03.2022

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}
(396) Glucose					43							43	43	100%
— Samples and groups	[mmol/L]													
Sample K		2,26	0,067	3,0	43	CVP	2,26	0,025	18%	1,85	2,67	43	43	100%
(1) GOD photometry		2,26	0,067	3,0	9	0						9		
(3) Method with hexokinase		2,26	0,063	2,8	32	0						32		
Other					2	0						2		
														2x 2
(398) Albumin					44							44	44	100%
— Samples and groups	[mg/L]													
Sample K		671	42	6,3	44	CVP	671	16	23%	516	826	44	44	100%
(1) Immunoturbidimetry		648	30	4,6	27	0						27		
(2) Immunonephelometry		707	25	3,5	16	0						16		
Other					1	0						1		
														1x 99
(399) IgG					36							36	36	100%
— Samples and groups	[mg/L]													
Sample K		93,6	6,9	7,4	36	CVP	93,6	2,8	24%	71,1	117	36	36	100%
(2) Immunoturbidimetry		92,4	6,5	7,0	18	0						18		
(3) Immunonephelometry		95,0	7,4	7,8	18	0						18		
(401) IgA					20							20	20	100%
— Samples and groups	[mg/L]													
Sample K		1,97	0,12	6,0	20	CVP	1,97	0,065	32%	1,33	2,61	20	20	100%
(3) Immunonephelometry		1,97	0,10	5,1	17	0						17		
Other					3	0						3		
														3x 2
(402) IgM					23							23	23	100%
— Samples and groups	[mg/L]													
Sample K		1,37	0,15	11	23	CVP	1,37	0,075	31%	0,945	1,8	23	23	100%
(2) Immunoturbidimetry		1,32	0,26	20	6	0						6		
(3) Immunonephelometry		1,39	0,13	9,3	17	0						17		
(403) Lactate					44							44	44	100%
— Samples and groups	[mmol/L]													
Sample K		3,77	0,15	4,0	44	CVP	3,77	0,056	20%	3,01	4,53	44	44	100%
(1) Enzymatic UV method		3,77	0,15	4,0	19	0						19		
(4) Photometric enzyme method		3,79	0,15	4,0	23	0						23		
Other					2	0						2		
														1x 2, 1x 99
(410) Intrathec. synt. IgG					36							36	33	92%
— Samples and groups	[mg/L]													
Sample K		0,000	0,00		36	CVP	0	asym.	0	1		36	33	92%
(0) Not specified		0,000	0,00		36	2						36		
(411) Intrathec. synt. IgA					20							20	19	95%
— Samples and groups	[mg/L]													
Sample K		0,000	0,00		20	CVP	0	asym.	0	1		20	19	95%
(0) Not specified		0,000	0,00		20	1						20		
(412) Intrathec. synt. IgM					23							23	22	96%
— Samples and groups	[mg/L]													
Sample K		0,000	0,00		23	CVP	0	asym.	0	1		23	22	96%
(0) Not specified		0,000	0,00		23	1						23		
(413) Barrier permeability					44							44	44	100%
— Samples and groups	[.10exp(-3)]													
Sample K		16,8	1,1	6,3	44	CVP	16,8	0,39	25%	12,6	21	44	44	100%
(0) Not specified		16,8	1,1	6,3	44	0						44		

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End of report

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