

## Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

## EQA round: CSFK2/21 - Cerebrospinal Fluid Diagnostics

Deadline: 29.11.2021

RoM = robust average  
 SD = standard deviation  
 CV = coefficient of variation  
 Ntot = total number of the participants  
 Nout = number of results excluded before calculation

AV = assigned value  
 CRV = certified reference value  
 RV = reference value  
 CVE = consensus value from experts  
 CVP = consensus value from all participants  
 CVPG = consensus value from participants groups  
 $U_{AV}$  = expanded uncertainty of the assigned value ( $k = 2$ )

Dmax = acceptable percent difference  
 LL = lower limit  
 UL = upper limit  
 Neva = number of evaluated participants  
 Nsuc = number of successful participants  
 Srel = success (relative)

Test	[unit]	Comparability													
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
(396) Glucose	[mmol/L]	46										46	46	100%	
Samples and groups															
Sample K		3,47	0,093	2,7	46		CVP	3,47	0,034	18%	2,84	4,1	46	46	100%
(1) GOD photometry		3,45	0,086	2,5	10	0							10		
(3) Method with hexokinase		3,47	0,093	2,7	34	0							34		
Other					2	0							2		
							2x 2								
(398) Albumin	[mg/L]	47										47	45	96%	
Samples and groups															
Sample K		561	48	8,6	47		CVP	561	17	23%	431	691	47	45	96%
(1) Immunoturbidimetry		547	33	6,0	29	0							29		
(2) Immunonephelometry		592	43	7,3	17	0							17		
Other					1	0							1		
							1x 99								
(399) IgG	[mg/L]	38										38	38	100%	
Samples and groups															
Sample K		66,0	4,6	7,0	38		CVP	66	1,8	24%	50,1	81,9	38	38	100%
(2) Immunoturbidimetry		65,2	4,3	6,5	19	0							19		
(3) Immunonephelometry		66,8	4,8	7,2	19	0							19		
(401) IgA	[mg/L]	21										21	19	90%	
Samples and groups															
Sample K		2,00	0,20	9,9	21		CVP	2	0,11	32%	1,36	2,64	21	19	90%
(3) Immunonephelometry		2,03	0,21	10	18	0							18		
Other					3	0							3		
							3x 2								
(402) IgM	[mg/L]	25										25	24	96%	
Samples and groups															
Sample K		1,42	0,17	12	25		CVP	1,42	0,083	31%	0,979	1,87	25	24	96%
(2) Immunoturbidimetry		1,41	0,30	21	7	0							7		
(3) Immunonephelometry		1,42	0,13	9,1	18	0							18		
(403) Lactate	[mmol/L]	47										47	47	100%	
Samples and groups															
Sample K		1,71	0,084	4,9	47		CVP	1,71	0,030	20%	1,36	2,06	47	47	100%
(1) Enzymatic UV method		1,72	0,047	2,7	19	0							19		
(4) Photometric enzyme method		1,71	0,10	5,9	25	0							25		
Other					3	0							3		
							2x 2, 1x 99								
(410) Intrathec. synt. IgG	[mg/L]	38										38	35	92%	
Samples and groups															
Sample K		0,000	0,00		38		CVP	0		asym.	0	1	38	35	92%
(0) Not specified		0,000	0,00		38	3							38		
(411) Intrathec. synt. IgA	[mg/L]	21										21	20	95%	
Samples and groups															
Sample K		0,000	0,00		21		CVP	0		asym.	0	1	21	20	95%
(0) Not specified		0,000	0,00		21	1							21		
(412) Intrathec. synt. IgM	[mg/L]	25										25	23	92%	
Samples and groups															
Sample K		0,000	0,00		25		CVP	0		asym.	0	1	25	23	92%
(0) Not specified		0,000	0,00		25	2							25		
(413) Barrier permeability	[·10exp(-3)]	47										47	47	100%	
Samples and groups															
Sample K		14,9	1,2	8,4	47		CVP	14,9	0,45	25%	11,1	18,7	47	47	100%
(0) Not specified		14,9	1,2	8,4	47	0							47		

End of report

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