

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of groups n = 5

EQA round: CSFK1/18 - Cerebrospinal Fluid Diagnostics

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}
(396) Glucose					45							45	45	100%
Samples and groups	[mmol/L]													
Sample K		4,42	0,13	3,0	45	CVP	4,42	0,048	18%	3,62	5,22	45	45	100%
(1) GOD photometry		4,47	0,12	2,6	11	0						11		
(3) Method with hexokinase		4,41	0,14	3,2	31	0						31		
Other					3	0						3		
					3x2									
(398) Albumin					46							46	45	98%
Samples and groups	[mg/L]													
Sample K		346	20	5,7	46	CVP	346	7,1	23%	266	426	46	45	98%
(1) Immunoturbidimetry		341	20	5,9	28	0						28		
(2) Immunonephelometry		355	19	5,4	18	0						18		
(399) IgG					36							36	34	94%
Samples and groups	[mg/L]													
Sample K		87,1	7,5	8,6	36	CVP	87,1	3,1	24%	66,1	108	36	34	94%
(2) Immunoturbidimetry		86,9	8,0	9,2	18	0						18		
(3) Immunonephelometry		87,4	7,3	8,3	18	0						18		
(401) IgA					20							20	20	100%
Samples and groups	[mg/L]													
Sample K		25,6	2,2	8,5	20	CVP	25,6	1,2	32%	17,4	33,8	20	20	100%
(3) Immunonephelometry		25,7	2,2	8,6	17	0						17		
Other					3	0						3		
					3x2									
(402) IgM					22							22	22	100%
Samples and groups	[mg/L]													
Sample K		10,6	0,62	5,9	22	CVP	10,6	0,32	31%	7,31	13,9	22	22	100%
(2) Immunoturbidimetry		10,0	0,41	4,1	5	0						5		
(3) Immunonephelometry		10,7	0,53	5,0	17	0						17		
(403) Lactate					46							46	46	100%
Samples and groups	[mmol/L]													
Sample K		1,99	0,077	3,9	46	CVP	1,99	0,028	20%	1,59	2,39	46	46	100%
(1) Enzymatic UV method		1,98	0,068	3,4	23	0						23		
(4) Photometric enzyme method		1,99	0,079	4,0	19	0						19		
Other					4	0						4		
					3x2, 1x99									
(410) Intrathec. synt. IgG					35							35	17	49%
Samples and groups	[mg/L]													
Sample K		33,7	13	40	35	CVP	33,7	5,7	25%	25,2	42,2	35	17	49%
(0) Not specified		33,7	13	40	35	2						35		
(411) Intrathec. synt. IgA					20							20	13	65%
Samples and groups	[mg/L]													
Sample K		0,866	1,4	160	20	CVP	0,866	0,77±1,004		0	1,87	20	13	65%
(0) Not specified		0,866	1,4	160	20	1						20		
(412) Intrathec. synt. IgM					22							22	18	82%
Samples and groups	[mg/L]													
Sample K		1,00	0,96	95	22	CVP	1	0,50	±1	0	2	22	18	82%
(0) Not specified		1,00	0,96	95	22	0						22		
(413) Barrier permeability					45							45	45	100%
Samples and groups	[-10exp(-3)]													
Sample K		9,93	0,56	5,6	45	CVP	9,93	0,20	25%	7,44	12,5	45	45	100%
(0) Not specified		9,93	0,56	5,6	45	0						45		

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End of report

Printed: 06.04.2018