

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: RFA2/18 - Risk Factors for Atherosclerosis

Dead line: 31.08.2018

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}
(111) Cholesterol					28							28	26	93%
Samples and groups	[mmol/L]													
Sample A		3,32	0,14	4,1	28	CVP	3,32	0,018	8%	3,05	3,59	28	26	93%
(1) Enzyme method CHOD-PAP		3,32	0,14	4,1	28	0						28		
Sample B		4,90	0,18	3,6	28	CVP	4,89	0,025	8%	4,49	5,29	28	27	96%
(1) Enzyme method CHOD-PAP		4,90	0,18	3,6	28	0						28		
(112) Triglycerides					28							28	26	93%
Samples and groups	[mmol/L]													
Sample A		1,08	0,04	3,7	28	CVP	1,05	,0067	15%	0,892	1,21	28	27	96%
(1) Photometric enzyme (GPO-PAP)		1,08	0,037	3,4	26	0						26		
Other					2	0						2		
						2x2								
Sample B		1,56	0,066	4,2	28	CVP	1,53	,0081	15%	1,3	1,76	28	26	93%
(1) Photometric enzyme (GPO-PAP)		1,56	0,066	4,2	26	0						26		
Other					2	0						2		
						2x2								
(113) Cholesterol HDL					28							28	26	93%
Samples and groups	[mmol/L]													
Sample A		0,874	0,065	7,4	28	CVP	0,881	,0066	15%	0,748	1,02	28	26	93%
(2) Direct determination		0,877	0,063	7,2	27	0						27		
Other					1	0						1		
						1x1								
Sample B		1,29	0,091	7,0	28	CVP	1,3	,0090	15%	1,1	1,5	28	26	93%
(2) Direct determination		1,29	0,091	7,0	27	0						27		
Other					1	0						1		
						1x1								
(114) Apolipoprotein AI					10							10	10	100%
Samples and groups	[g/L]													
Sample A		1,05	0,11	11	10	CVP	1,05	0,020	21%	0,829	1,28	10	10	100%
(2) Immunoturbidimetry		1,07	0,096	9,1	9	0						9		
Other					1	0						1		
						1x3								
Sample B		1,53	0,18	12	10	CVP	1,5	0,028	21%	1,18	1,82	10	10	100%
(2) Immunoturbidimetry		1,54	0,22	14	9	0						9		
Other					1	0						1		
						1x3								
(115) Apolipoprotein B					12							12	12	100%
Samples and groups	[g/L]													
Sample A		0,641	0,054	8,4	12	CVP	0,668	,0093	18%	0,547	0,789	12	12	100%
(2) Immunoturbidimetry		0,636	0,053	8,3	11	0						11		
Other					1	0						1		
						1x3								
Sample B		0,932	0,076	8,1	12	CVP	0,959	0,012	18%	0,786	1,14	12	12	100%
(2) Immunoturbidimetry		0,924	0,072	7,8	11	0						11		
Other					1	0						1		
						1x3								
(116) Cholesterol LDL (calculation)					10							10	10	100%
Samples and groups	[mmol/L]													
Sample A		1,97	0,12	6,0	10	CVP	1,97	0,029	15%	1,67	2,27	10	10	100%
(0) Not specified		1,97	0,12	6,0	10	0						10		
Sample B		2,92	0,16	5,6	10	CVP	2,9	0,040	15%	2,46	3,34	10	10	100%
(0) Not specified		2,92	0,16	5,6	10	0						10		
(118) Cholesterol LDL (direct determ.)					24							24	23	96%
Samples and groups	[mmol/L]													
Sample A		2,04	0,12	5,7	24	CVP	2,02	0,017	15%	1,71	2,33	24	23	96%
(0) Not specified		2,04	0,12	5,7	24	0						24		
Sample B		3,00	0,20	6,5	24	CVP	2,97	0,028	15%	2,52	3,42	24	23	96%
(0) Not specified		3,00	0,20	6,5	24	0						24		
(117) Lipoprotein (a) [g/L]					5							5	5	100%
Samples and groups	[g/L]													
Sample A		0,165	0,037	22	5	CVP	0,185	,0070	32%	0,125	0,245	5	5	100%
Other					5	0						5		
						1x0,4x2								
Sample B		0,245	0,037	15	5	CVP	0,266	,0094	32%	0,18	0,352	5	5	100%
Other					5	0						5		
						1x0,4x2								

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							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(119) Lipoprotein (a) [nmol/L]					3							3	2	67%
Samples and groups	[nmol/L]													
Sample A		29,4	3,2	11	3		CVP	33,7	1,4	20%	26,9	40,5	3	2 67%
Other					3	0							3	
							3x2							
Sample B		44,0	7,8	18	3		CVP	51,7	1,9	20%	41,3	62,1	3	2 67%
Other					3	0							3	
							3x2							
st_kn_p							End of report							Printed: 13.09.2018