

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: RFA2/17 - Risk Factors for Atherosclerosis

Dead line: 15.09.2017

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					29							29	28	97%
Samples and groups	[mmol/L]													
Sample A		4,93	0,22	4,4	29	CVP	4,93	0,021	8%	4,53	5,33	29	29	100%
(1) Enzyme		4,93	0,22	4,4	29	0						29		
Sample B		7,56	0,32	4,2	29	CVP	7,56	0,036	8%	6,95	8,17	29	28	97%
(1) Enzyme		7,56	0,32	4,2	29	0						29		
(112) Triglycerides					29							29	29	100%
Samples and groups	[mmol/L]													
Sample A		1,56	0,062	4,0	29	CVP	1,55	,0087	15%	1,31	1,79	29	29	100%
(1) Photometry enzyme m.		1,56	0,063	4,1	28	0						28		
Other					1	0						1		
Sample B		2,41	0,097	4,0	29	CVP	2,4	0,013	15%	2,04	2,76	29	29	100%
(1) Photometry enzyme m.		2,41	0,10	4,2	28	0						28		
Other					1	0						1		
(113) Cholesterol HDL					29							29	28	97%
Samples and groups	[mmol/L]													
Sample A		1,32	0,059	4,4	29	CVP	1,33	,0092	15%	1,13	1,53	29	29	100%
(2) Direct determination		1,32	0,06	4,6	28	0						28		
Other					1	0						1		
Sample B		2,00	0,084	4,2	29	CVP	2,04	0,015	15%	1,73	2,35	29	28	97%
(2) Direct determination		2,00	0,087	4,3	28	0						28		
Other					1	0						1		
(114) Apolipoprotein AI					12							12	10	83%
Samples and groups	[g/L]													
Sample A		1,55	0,21	13	12	CVP	1,5	0,027	21%	1,18	1,82	12	11	92%
(2) Immunoturbidimetry		1,55	0,22	14	10	0						10		
Other					2	0						2		
Sample B		2,34	0,25	10	12	CVP	2,3	0,037	21%	1,81	2,79	12	11	92%
(2) Immunoturbidimetry		2,38	0,26	11	10	0						10		
Other					2	0						2		
(115) Apolipoprotein B					15							15	14	93%
Samples and groups	[g/L]													
Sample A		0,939	0,082	8,7	15	CVP	0,979	0,013	18%	0,802	1,16	15	14	93%
(2) Immunoturbidimetry		0,958	0,06	6,3	13	0						13		
Other					2	0						2		
Sample B		1,39	0,092	6,6	15	CVP	1,46	0,023	18%	1,19	1,73	15	15	100%
(2) Immunoturbidimetry		1,40	0,09	6,4	13	0						13		
Other					2	0						2		
(116) Cholesterol LDL (calculation)					11							11	11	100%
Samples and groups	[mmol/L]													
Sample A		2,89	0,21	7,2	11	CVP	2,91	0,039	15%	2,47	3,35	11	11	100%
(1) Calculation		2,89	0,21	7,2	11	0						11		
Sample B		4,40	0,32	7,2	11	CVP	4,46	0,061	15%	3,79	5,13	11	11	100%
(1) Calculation		4,40	0,32	7,2	11	0						11		
(118) Cholesterol LDL (direct determ.)					23							23	23	100%
Samples and groups	[mmol/L]													
Sample A		3,06	0,17	5,5	23	CVP	2,99	0,030	15%	2,54	3,44	23	23	100%
(1) Direct determination		3,06	0,17	5,5	23	0						23		
Sample B		4,63	0,25	5,4	23	CVP	4,53	0,051	15%	3,85	5,21	23	23	100%
(1) Direct determination		4,63	0,25	5,4	23	0						23		
(117) Lipoprotein (a) [g/L]					5							5	5	100%
Samples and groups	[g/L]													
Sample A		0,246	0,039	16	5	CVP	0,26	,0087	32%	0,176	0,344	5	5	100%
Other					5	0						5		
Sample B		0,347	0,027	7,9	5	CVP	0,364	0,012	32%	0,247	0,481	5	5	100%
Other					5	0						5		

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Test	[unit]						Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(119) Lipoprotein (a) [nmol/L]					3							3	3	100%
Samples and groups	[nmol/L]													
Sample A		50,7	6,3	12	3	CVP	51,7	2,6	20%	41,3	62,1	3	3	100%
Other					3	0						3		
						3x2								
Sample B		75,8	9,2	12	3	CVP	76,9	4,2	20%	61,5	92,3	3	3	100%
Other					3	0						3		
						3x2								
st_kn_p							End of report							Printed: 24.09.2017