

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: RFA1/18 - Risk Factors for Atherosclerosis

Dead line: 23.03.2018

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					27							27	27	100%
Samples and groups	[mmol/L]													
Sample A		7,50	0,27	3,5	27	CVP	7,45	0,036	8%	6,85	8,05	27	27	100%
(1) Enzyme method CHOD-PAP		7,50	0,27	3,5	27	0						27		
Sample B		3,32	0,10	3,1	27	CVP	3,33	0,016	8%	3,06	3,6	27	27	100%
(1) Enzyme method CHOD-PAP		3,32	0,10	3,1	27	0						27		
(112) Triglycerides					27							27	27	100%
Samples and groups	[mmol/L]													
Sample A		2,46	0,066	2,7	27	CVP	2,45	0,012	15%	2,08	2,82	27	27	100%
(1) Photometric enzyme (GPO-PAP)		2,46	0,068	2,8	25	0						25		
Other					2	0						2		
						2x2								
Sample B		1,13	0,045	4,0	27	CVP	1,12	0,070	15%	0,952	1,29	27	27	100%
(1) Photometric enzyme (GPO-PAP)		1,13	0,045	4,0	25	0						25		
Other					2	0						2		
						2x2								
(113) Cholesterol HDL					27							27	26	96%
Samples and groups	[mmol/L]													
Sample A		1,94	0,12	6,3	27	CVP	1,95	0,013	15%	1,65	2,25	27	27	100%
(2) Direct determination		1,94	0,12	6,0	26	0						26		
Other					1	0						1		
						1x1								
Sample B		0,860	0,065	7,6	27	CVP	0,861	0,064	15%	0,731	0,991	27	26	96%
(2) Direct determination		0,864	0,063	7,3	26	0						26		
Other					1	0						1		
						1x1								
(114) Apolipoprotein AI					10							10	10	100%
Samples and groups	[g/L]													
Sample A		2,30	0,23	10	10	CVP	2,27	0,048	21%	1,79	2,75	10	10	100%
(2) Immunoturbidimetry		2,27	0,13	5,9	9	0						9		
Other					1	0						1		
						1x3								
Sample B		1,05	0,11	10	10	CVP	1,04	0,019	21%	0,821	1,26	10	10	100%
(2) Immunoturbidimetry		1,09	0,089	8,2	9	0						9		
Other					1	0						1		
						1x3								
(115) Apolipoprotein B					12							12	10	83%
Samples and groups	[g/L]													
Sample A		1,41	0,12	8,5	12	CVP	1,45	0,023	18%	1,18	1,72	12	11	92%
(2) Immunoturbidimetry		1,41	0,13	9,0	11	0						11		
Other					1	0						1		
						1x3								
Sample B		0,665	0,051	7,6	12	CVP	0,668	0,097	18%	0,547	0,789	12	10	83%
(2) Immunoturbidimetry		0,672	0,058	8,6	11	0						11		
Other					1	0						1		
						1x3								
(116) Cholesterol LDL (calculation)					11							11	11	100%
Samples and groups	[mmol/L]													
Sample A		4,45	0,26	5,9	11	CVP	4,4	0,054	15%	3,74	5,06	11	11	100%
(0) Not specified		4,45	0,26	5,9	11	0						11		
Sample B		1,96	0,12	6,0	11	CVP	1,97	0,026	15%	1,67	2,27	11	11	100%
(0) Not specified		1,96	0,12	6,0	11	0						11		
(118) Cholesterol LDL (direct determ.)					22							22	21	95%
Samples and groups	[mmol/L]													
Sample A		4,54	0,31	6,8	22	CVP	4,49	0,047	15%	3,81	5,17	22	22	100%
(0) Not specified		4,54	0,31	6,8	22	0						22		
Sample B		2,03	0,12	6,1	22	CVP	2,01	0,019	15%	1,7	2,32	22	21	95%
(0) Not specified		2,03	0,12	6,1	22	0						22		
(117) Lipoprotein (a) [g/L]					5							5	5	100%
Samples and groups	[g/L]													
Sample A		0,359	0,043	12	5	CVP	0,379	0,011	32%	0,257	0,501	5	5	100%
Other					5	0						5		
						1x0,4x2								
Sample B		0,164	0,036	22	5	CVP	0,173	0,059	32%	0,117	0,229	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		65,8	14	21	3		CVP	77,1	2,6	20%	61,6	92,6	3	2 67%
Other					3	0							3	
							3x2							
Sample B		28,2	2,7	9,5	3		CVP	30,2	1,3	20%	24,1	36,3	3	3 100%
Other					3	0							3	
							3x2							
st_kn_p							End of report							Printed: 04.04.2018