

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: RFA2/19 - Risk Factors for Atherosclerosis

Dead line: 30.08.2019

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					33							33	32	97%
Samples and groups	[mmol/L]													
Sample A		3,27	0,13	3,9	33	CVP	3,28	0,017	8%	3,01	3,55	33	32	97%
(1) Enzyme method CHOD-PAP		3,27	0,13	3,9	33	0						33		
Sample B		7,52	0,33	4,3	33	CVP	7,5	0,039	8%	6,9	8,1	33	32	97%
(1) Enzyme method CHOD-PAP		7,52	0,33	4,3	33	0						33		
(112) Triglycerides					33							33	32	97%
Samples and groups	[mmol/L]													
Sample A		1,01	0,048	4,7	33	CVP	1,02	,0066	15%	0,867	1,18	33	32	97%
(1) Photometric enzyme (GPO-PAP)		1,01	0,049	4,8	30	0						30		
Other					3	0						3		
														3x 2
Sample B		2,28	0,074	3,3	33	CVP	2,3	,0099	15%	1,95	2,65	33	33	100%
(1) Photometric enzyme (GPO-PAP)		2,28	0,079	3,4	30	0						30		
Other					3	0						3		
														3x 2
(113) Cholesterol HDL					33							33	31	94%
Samples and groups	[mmol/L]													
Sample A		0,921	0,045	4,9	33	CVP	0,907	,0054	15%	0,77	1,05	33	32	97%
(2) Direct determination		0,925	0,046	5,0	31	0						31		
Other					2	0						2		
														2x 1
Sample B		2,05	0,082	4,0	33	CVP	2,05	0,014	15%	1,74	2,36	33	32	97%
(2) Direct determination		2,05	0,085	4,1	31	0						31		
Other					2	0						2		
														2x 1
(114) Apolipoprotein AI					11							11	9	82%
Samples and groups	[g/L]													
Sample A		1,06	0,13	13	11	CVP	1,01	0,022	21%	0,797	1,23	11	10	91%
(2) Immunoturbidimetry		1,06	0,14	13	10	0						10		
Other					1	0						1		
														1x 3
Sample B		2,25	0,33	14	11	CVP	2,25	0,046	21%	1,77	2,73	11	10	91%
(2) Immunoturbidimetry		2,23	0,35	16	10	0						10		
Other					1	0						1		
														1x 3
(115) Apolipoprotein B					14							14	13	93%
Samples and groups	[g/L]													
Sample A		0,634	0,041	6,5	14	CVP	0,641	,0086	18%	0,525	0,757	14	13	93%
(2) Immunoturbidimetry		0,643	0,019	2,9	13	0						13		
Other					1	0						1		
														1x 3
Sample B		1,34	0,11	8,1	14	CVP	1,4	0,023	18%	1,14	1,66	14	14	100%
(2) Immunoturbidimetry		1,35	0,088	6,5	13	0						13		
Other					1	0						1		
														1x 3
(116) Cholesterol LDL (calculation)					12							12	12	100%
Samples and groups	[mmol/L]													
Sample A		1,87	0,085	4,5	12	CVP	1,91	0,028	15%	1,62	2,2	12	12	100%
(0) Not specified		1,87	0,085	4,5	12	0						12		
Sample B		4,39	0,22	4,9	12	CVP	4,4	0,056	15%	3,74	5,06	12	12	100%
(0) Not specified		4,39	0,22	4,9	12	0						12		
(118) Cholesterol LDL (direct determ.)					27							27	26	96%
Samples and groups	[mmol/L]													
Sample A		2,04	0,12	5,7	27	CVP	2	0,020	15%	1,7	2,3	27	27	100%
(0) Not specified		2,04	0,12	5,7	27	0						27		
Sample B		4,63	0,35	7,6	27	CVP	4,56	0,057	15%	3,87	5,25	27	26	96%
(0) Not specified		4,63	0,35	7,6	27	0						27		
(117) Lipoprotein (a) [g/L]					7							7	5	71%
Samples and groups	[g/L]													
Sample A		0,151	0,044	29	7	CVP	0,177	,0085	32%	0,12	0,234	7	6	86%
(2) Immunoturbidimetry		0,158	0,047	30	5	1						5		
Other					2	0						2		
														1x 0, 1x 3
Sample B		0,306	0,051	17	7	CVP	0,359	0,015	32%	0,244	0,474	7	5	71%

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Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(117) Lipoprotein (a) [g/L]					7							7	5	71%	
--- Samples and groups ---	[g/L]														
Sample B		0,306	0,051	17	7		CVP	0,359	0,015	32%	0,244	0,474	7	5	71%
(2) Immunoturbidimetry		0,356	0,13	35	5	1							5		
Other					2	0							2		
							1x0, 1x3								
(119) Lipoprotein (a) [nmol/L]					3							3	2	67%	
--- Samples and groups ---	[nmol/L]														
Sample A		30,3	3,6	12	3		CVP	32,1	1,3	20%	25,6	38,6	3	2	67%
Other					3	0							3		
							3x2								
Sample B		65,8	5,7	8,7	3		CVP	75,9	2,0	20%	60,7	91,1	3	2	67%
Other					3	0							3		
							3x2								
st_kn_p							End of report								Printed: 08.09.2019