

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of groups n = 5

EQA round: RFA1/19 - Risk Factors for Atherosclerosis

Dead line: 22.03.2019

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					31							31	30	97%
Samples and groups	[mmol/L]													
Sample A		4,85	0,23	4,7	31	CVP	4,81	0,025	8%	4,42	5,2	31	30	97%
(1) Enzyme method CHOD-PAP		4,85	0,23	4,7	31	0						31		
Sample B		3,29	0,14	4,3	31	CVP	3,28	0,018	8%	3,01	3,55	31	30	97%
(1) Enzyme method CHOD-PAP		3,29	0,14	4,3	31	1						31		
(112) Triglycerides					31							31	29	94%
Samples and groups	[mmol/L]													
Sample A		1,55	0,075	4,8	31	CVP	1,54	,0081	15%	1,3	1,78	31	31	100%
(1) Photometric enzyme (GPO-PAP)		1,55	0,073	4,7	29	0						29		
Other					2	0						2		
						2x2								
Sample B		1,07	0,068	6,4	31	CVP	1,06	,0061	15%	0,901	1,22	31	29	94%
(1) Photometric enzyme (GPO-PAP)		1,07	0,068	6,4	29	1						29		
Other					2	0						2		
						2x2								
(113) Cholesterol HDL					31							31	29	94%
Samples and groups	[mmol/L]													
Sample A		1,29	0,055	4,3	31	CVP	1,3	,0080	15%	1,1	1,5	31	30	97%
(2) Direct determination		1,29	0,056	4,3	29	0						29		
Other					2	0						2		
						2x1								
Sample B		0,880	0,047	5,3	31	CVP	0,886	,0055	15%	0,753	1,02	31	29	94%
(2) Direct determination		0,882	0,049	5,5	29	1						29		
Other					2	0						2		
						2x1								
(114) Apolipoprotein AI					10							10	9	90%
Samples and groups	[g/L]													
Sample A		1,53	0,20	13	10	CVP	1,46	0,028	21%	1,15	1,77	10	9	90%
(2) Immunoturbidimetry		1,51	0,21	14	9	0						9		
Other					1	0						1		
						1x3								
Sample B		1,05	0,12	11	10	CVP	1,01	0,019	21%	0,797	1,23	10	9	90%
(2) Immunoturbidimetry		1,03	0,10	10	9	0						9		
Other					1	0						1		
						1x3								
(115) Apolipoprotein B					13							13	11	85%
Samples and groups	[g/L]													
Sample A		0,882	0,059	6,7	13	CVP	0,923	0,015	18%	0,756	1,09	13	13	100%
(2) Immunoturbidimetry		0,878	0,061	7,0	12	0						12		
Other					1	0						1		
						1x3								
Sample B		0,620	0,046	7,4	13	CVP	0,644	,0100	18%	0,528	0,76	13	11	85%
(2) Immunoturbidimetry		0,620	0,05	8,0	12	0						12		
Other					1	0						1		
						1x3								
(116) Cholesterol LDL (calculation)					11							11	11	100%
Samples and groups	[mmol/L]													
Sample A		2,86	0,15	5,3	11	CVP	2,81	0,038	15%	2,38	3,24	11	11	100%
(0) Not specified		2,86	0,15	5,3	11	0						11		
Sample B		1,93	0,13	6,7	11	CVP	1,91	0,029	15%	1,62	2,2	11	11	100%
(0) Not specified		1,93	0,13	6,7	11	0						11		
(118) Cholesterol LDL (direct determ.)					26							26	26	100%
Samples and groups	[mmol/L]													
Sample A		2,95	0,20	6,7	26	CVP	2,94	0,026	15%	2,49	3,39	26	26	100%
(0) Not specified		2,95	0,20	6,7	26	0						26		
Sample B		2,00	0,11	5,4	26	CVP	1,99	0,017	15%	1,69	2,29	26	26	100%
(0) Not specified		2,00	0,11	5,4	26	0						26		
(117) Lipoprotein (a) [g/L]					5							5	4	80%
Samples and groups	[g/L]													
Sample A		0,213	0,049	23	5	CVP	0,24	,0073	32%	0,163	0,317	5	4	80%
Other					5	0						5		
						1x0,3x2,1x3								
Sample B		0,141	0,029	21	5	CVP	0,167	,0063	32%	0,113	0,221	5	4	80%
Other					5	0						5		
						1x0,3x2,1x3								

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							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		43,9	3,1	7,2	3		CVP	46,8	1,5	20%	37,4	56,2	3	3 100%
Other					3	0							3	
							3x2							
Sample B		29,9	1,7	5,7	3		CVP	30,1	1,1	20%	24	36,2	3	3 100%
Other					3	0							3	
							3x2							
st_kn_p							End of report							Printed: 02.04.2019