

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: Slovakia, minimal size of the groups n = 5

EQA round: RFA2/20 - Risk Factors for Atherosclerosis

Deadline: 28.08.2020

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 the 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]	Test					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(111) Cholesterol					41							41	36	88%
--- Samples and groups	[mmol/L]													
Sample A		7,97	0,40	5,1	41	CVP	7,81	0,046	8%	7,18	8,44	41	37	90%
(1) Enzyme method CHOD-PAP		7,97	0,40	5,1	41	0						41		
Sample B		3,71	0,15	4,0	41	CVP	3,66	0,019	8%	3,36	3,96	41	39	95%
(1) Enzyme method CHOD-PAP		3,71	0,15	4,0	41	0						41		
(112) Triglycerides					41							41	40	98%
--- Samples and groups	[mmol/L]													
Sample A		2,26	0,078	3,5	41	CVP	2,26	,0098	15%	1,92	2,6	41	40	98%
(1) Photometric enzyme (GPO-PAP)		2,26	0,078	3,4	38	0						38		
Other					3	0						3		
Sample B		1,09	0,041	3,7	41	^{3x2} CVP	1,09	,0057	15%	0,926	1,26	41	41	100%
(1) Photometric enzyme (GPO-PAP)		1,09	0,04	3,7	38	0						38		
Other					3	0						3		
(113) Cholesterol HDL					41							41	39	95%
--- Samples and groups	[mmol/L]													
Sample A		2,14	0,12	5,5	41	CVP	2,14	0,017	15%	1,81	2,47	41	40	98%
(2) Direct determination		2,15	0,12	5,5	39	0						39		
Other					2	0						2		
Sample B		1,01	0,057	5,7	41	^{2x1} CVP	0,997	,0066	15%	0,847	1,15	41	39	95%
(2) Direct determination		1,01	0,056	5,5	39	0						39		
Other					2	0						2		
(114) Apolipoprotein AI					12							12	10	83%
--- Samples and groups	[g/L]													
Sample A		2,23	0,27	12	12	CVP	2,31	0,051	21%	1,82	2,8	12	12	100%
(2) Immunoturbidimetry		2,23	0,28	13	11	0						11		
Other					1	0						1		
Sample B		1,14	0,17	15	12	^{1x3} CVP	1,1	0,018	21%	0,869	1,34	12	10	83%
(2) Immunoturbidimetry		1,15	0,18	16	11	0						11		
Other					1	0						1		
(115) Apolipoprotein B					15							15	15	100%
--- Samples and groups	[g/L]													
Sample A		1,38	0,12	8,6	15	CVP	1,45	0,025	18%	1,18	1,72	15	15	100%
(2) Immunoturbidimetry		1,39	0,12	8,8	14	0						14		
Other					1	0						1		
Sample B		0,684	0,037	5,3	15	^{1x3} CVP	0,7	,0095	18%	0,574	0,826	15	15	100%
(2) Immunoturbidimetry		0,688	0,033	4,8	14	0						14		
Other					1	0						1		
(116) Cholesterol LDL (calculation)					14							14	11	79%
--- Samples and groups	[mmol/L]													
Sample A		4,76	0,41	8,7	14	CVP	4,6	0,056	15%	3,91	5,29	14	11	79%
(0) Not specified		4,76	0,41	8,7	14	0						14		
Sample B		2,16	0,16	7,3	14	CVP	2,16	0,028	15%	1,83	2,49	14	13	93%
(0) Not specified		2,16	0,16	7,3	14	0						14		
(118) Cholesterol LDL (direct determ.)					34							34	32	94%
--- Samples and groups	[mmol/L]													
Sample A		4,93	0,24	4,9	34	CVP	4,8	0,067	15%	4,08	5,52	34	33	97%
(0) Not specified		4,93	0,24	4,9	34	0						34		
Sample B		2,31	0,12	5,1	34	CVP	2,27	0,027	15%	1,92	2,62	34	33	97%
(0) Not specified		2,31	0,12	5,1	34	0						34		
(117) Lipoprotein (a) [g/L]					7							7	6	86%
--- Samples and groups	[g/L]													
Sample A		0,368	0,092	25	7	CVP	0,4	0,015	32%	0,272	0,528	7	6	86%
(2) Immunoturbidimetry		0,420	0,015	3,5	5	0						5		
Other					2	0						2		
Sample B		0,185	0,052	28	7	^{1x0, 1x3} CVP	0,204	,0094	32%	0,138	0,27	7	7	100%

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							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(117) Lipoprotein (a) [g/L]	[g/L]				7							7	6	86%
Samples and groups														
Sample B		0,185	0,052	28	7		CVP	0,204	,0094	32%	0,138	0,27	7	7 100%
(2) Immunoturbidimetry		0,210	0,015	7,0	5	0							5	
Other					2	0							2	
							1x 0, 1x 3							
(119) Lipoprotein (a) [nmol/L]	[nmol/L]				2							2	2	100%
Samples and groups														
Sample A		86,6	7,4	8,6	2		CVP	79,6	1,8	20%	63,6	95,6	2	2 100%
Other					2	0							2	
							2x 2							
Sample B		38,7	2,1	5,5	2		CVP	38	1,6	20%	30,4	45,6	2	2 100%
Other					2	0							2	
							2x 2							
st_kn_p							End of report							Printed: 07.09.2020