

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: RFA1/22 - Risk Factors for Atherosclerosis

Deadline: 08.04.2022

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															
Samples and groups		[mmol/L]					307								
Sample A		4,77	0,15	3,2	307		CVP	4,77	0,022	8%	4,38	5,16	307	294	96%
(1) Enzyme method CHOD-PAP		4,77	0,15	3,2	307	0							307		
Sample B		6,61	0,21	3,2	307		CVP	6,61	0,030	8%	6,08	7,14	307	300	98%
(1) Enzyme method CHOD-PAP		6,61	0,21	3,2	307	0							307		
(112) Triacylglycerols															
Samples and groups		[mmol/L]					307								
Sample A		1,47	0,055	3,7	307		CVP	1,47	0,077	15%	1,24	1,7	307	304	99%
(1) Photometric enzyme (GPO-PAP)		1,47	0,055	3,8	293	0							293		
(2) Enzymatic UV method		1,45	0,045	3,1	14	0							14		
Sample B		2,00	0,061	3,0	307		CVP	2,00	0,085	15%	1,7	2,3	307	305	99%
(1) Photometric enzyme (GPO-PAP)		2,01	0,061	3,0	293	0							293		
(2) Enzymatic UV method		1,96	0,059	3,0	14	0							14		
(113) Cholesterol HDL															
Samples and groups		[mmol/L]					311								
Sample A		1,27	0,05	3,9	311		CVP	1,27	0,069	15%	1,07	1,47	311	309	99%
(2) Direct determination		1,27	0,05	3,9	308	0							308		
Other					3	0							3		
Sample B		1,78	0,078	4,4	311		CVP	1,78	0,11	15%	1,51	2,05	311	307	99%
(2) Direct determination		1,78	0,079	4,4	308	0							308		
Other					3	0							3		
(114) Apolipoprotein AI															
Samples and groups		[g/L]					90								
Sample A		1,44	0,079	5,5	90		CVP	1,44	0,020	21%	1,13	1,75	90	89	99%
(2) Immunoturbidimetry		1,44	0,078	5,4	81	0							81		
(3) Immunonephelometry		1,48	0,10	7,0	8	0							8		
Other					1	0							1		
Sample B		2,02	0,13	6,5	90		CVP	2,02	0,034	21%	1,59	2,45	90	89	99%
(2) Immunoturbidimetry		2,02	0,13	6,2	81	0							81		
(3) Immunonephelometry		1,98	0,16	7,9	8	0							8		
Other					1	0							1		
(115) Apolipoprotein B															
Samples and groups		[g/L]					106								
Sample A		0,910	0,046	5,1	106		CVP	0,91	0,011	18%	0,746	1,08	106	105	99%
(2) Immunoturbidimetry		0,912	0,045	4,9	98	0							98		
(3) Immunonephelometry		0,878	0,026	3,0	7	0							7		
Other					1	0							1		
Sample B		1,24	0,064	5,1	106		CVP	1,24	0,015	18%	1,01	1,47	106	106	100%
(2) Immunoturbidimetry		1,24	0,059	4,7	98	0							98		
(3) Immunonephelometry		1,24	0,11	9,0	7	0							7		
Other					1	0							1		
(116) Cholesterol LDL (calculation)															
Samples and groups		[mmol/L]					123								
Sample A		2,86	0,17	5,9	123		CVP	2,86	0,037	15%	2,43	3,29	123	120	98%
(0) Not specified		2,86	0,17	5,9	123	0							123		
Sample B		3,94	0,23	5,8	123		CVP	3,94	0,051	15%	3,34	4,54	123	119	97%
(0) Not specified		3,94	0,23	5,8	123	0							123		
(118) Cholesterol LDL (direct determ.)															
Samples and groups		[mmol/L]					234								
Sample A		2,94	0,25	8,4	234								220	219	100%
(0) Not specified		2,92	0,24	8,1	220	0	CVP	2,92	0,039	15%	2,48	3,36	220		
(0) Not specified; (162) Siemens (Atellica)		3,27	0,13	4,1	14	0	CVPG	3,27	0,088	15%	2,77	3,77	0		
Sample B		4,04	0,41	10	234								220	214	97%
(0) Not specified		4,01	0,39	9,7	220	0	CVP	4,01	0,064	15%	3,4	4,62	220		
(0) Not specified; (162) Siemens (Atellica)		4,60	0,18	4,0	14	0	CVPG	4,6	0,12	15%	3,91	5,29	0		

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							AV	U _{AV}	D _{max}	LL	UL				
(117) Lipoprotein (a) [g/L]	[g/L]				33							33	30	91%	
----- Samples and groups -----															
Sample A		0,250	0,022	8,7	33		CVP	0,25	,0093	32%	0,17	0,33	33	30	91%
(2) Immunoturbidimetry		0,251	0,016	6,5	28	0							28		
Other					5	0							5		

Sample B		0,327	0,024	7,3	33		CVP	0,327	0,010	32%	0,222	0,432	33	30	91%
(2) Immunoturbidimetry		0,328	0,017	5,3	28	0							28		
Other					5	0							5		
							1x 0, 4x 3								
(119) Lipoprotein (a) [nmol/L]	[nmol/L]				31							31	30	97%	
----- Samples and groups -----															
Sample A		49,2	3,7	7,5	31		CVP	49,2	1,6	20%	39,3	59,1	31	30	97%
(2) Immunoturbidimetry		49,3	3,8	7,8	30	0							30		
Other					1	0							1		

Sample B		65,1	4,8	7,4	31		CVP	65,1	2,1	20%	52	78,2	31	30	97%
(2) Immunoturbidimetry		65,2	5,2	7,9	30	0							30		
Other					1	0							1		
							1x 0								

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End of report

Printed: 14.04.2022