

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

Deadline: 29.07.2022

EQA round: AKS3/22 - Basic Clinical Chemistry - Serum

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]	Comparability						Traceability															
		RoM	SD	CV [%]	N _{Tot}	N _{Out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(1) Sodium					154																154	152	99%
Samples and groups	[mmol/L]																						
Sample A		125	2,0	1,6	154									CRV	124,6	1,9	5%	118	131	154	153	99%	
(2) Indirect ISE		125	2,0	1,6	144	0															144		
(3) Direct ISE		125	0,52	0,42	9	0															9		
Other					1	0															1		
														1x 99									
Sample B		119	1,9	1,6	154									CRV	119,7	1,8	5%	113	126	154	153	99%	
(2) Indirect ISE		119	1,8	1,5	144	0															144		
(3) Direct ISE		121	2,2	1,8	9	0															9		
Other					1	0															1		
														1x 99									
(2) Potassium					154																154	151	98%
Samples and groups	[mmol/L]																						
Sample A		2,90	0,05	2,0	154									CRV	2,845	0,043	7%	2,64	3,05	154	151	98%	
(2) Indirect ISE		2,90	0,05	2,0	144	0															144		
(3) Direct ISE		2,89	0,03	1,3	9	0															9		
Other					1	0															1		
														1x 99									
Sample B		4,34	0,08	2,0	154									CRV	4,322	0,065	7%	4,01	4,63	154	154	100%	
(2) Indirect ISE		4,35	0,09	2,1	144	0															144		
(3) Direct ISE		4,34	0,05	1,4	9	0															9		
Other					1	0															1		
														1x 99									
(3) Chloride					154						154	151	98%								0		
Samples and groups	[mmol/L]																						
Sample A		109	3,3	3,0	154		CVP	109	0,64	7%	101	117		154	153	99%					0		
(3) Indirect ISE		109	3,3	3,0	144	0								144									
(4) Direct ISE		109	3,0	2,8	9	0								9									
Other					1	0								1									
							1x 2																
Sample B		97,3	3,3	3,4	154		CVP	97,3	0,65	7%	90,4	105		154	152	99%					0		
(3) Indirect ISE		97,1	3,3	3,4	144	0								144									
(4) Direct ISE		98,9	1,9	1,9	9	0								9									
Other					1	0								1									
							1x 2																
(4) Calcium					145																145	141	97%
Samples and groups	[mmol/L]																						
Sample A		2,01	0,04	2,3	145									CRV	1,995	0,030	8%	1,83	2,16	145	141	97%	
(2) Phot. with o-cresolftalexon		1,99	0,04	2,3	15	0															15		
(3) Photom. with arsenazo III		1,99	0,05	2,6	67	0															67		

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		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}		
(4) Calcium					145							0									145	141	97%	
Samples and groups	[mmol/L]																							
Sample A		2,01	0,04	2,3	145							0	CRV	1,995	0,030	8%	1,83	2,16		145	141	97%		
(4) Photomet. with NM-BAPTA		2,02	0,03	1,6	60	0															60			
Other					3	0																3		
Sample B		1,81	0,04	2,3	145							0	CRV	1,797	0,027	8%	1,65	1,95		145	144	99%		
(2) Phot. with o-cresolftalexon		1,78	0,05	2,9	15	0															15			
(3) Photom. with arsenazo III		1,82	0,04	2,4	67	0															67			
(4) Photomet. with NM-BAPTA		1,81	0,03	1,9	60	0															60			
Other					3	0																3		
														2x 6, 1x 99										
(5) Inorganic phosphate					137							137	130	95%								0		
Samples and groups	[mmol/L]																							
Sample A		0,925	0,02	3,2	137	CVP	0,925	,0062	10%	0,832	1,02	137	130	95%								0		
(1) UV-molybdate method		0,925	0,02	3,1	135	0						135												
Other					2	0						2												
Sample B		1,52	0,04	3,0	137	CVP	1,52	,0094	10%	1,36	1,68	137	137	100%								0		
(1) UV-molybdate method		1,52	0,04	2,9	135	0						135												
Other					2	0						2												
														2x 2										
(6) Iron					129							129	127	98%								0		
Samples and groups	[µmol/L]																							
Sample A		34,1	0,87	2,6	129	CVP	34,1	0,19	15%	28,9	39,3	129	128	99%								0		
(2) Method with ferrozine/ferene		34,2	0,87	2,5	111	0						111												
(4) Method with TPTZ		33,6	0,59	1,8	17	0						17												
Other					1	0						1												
Sample B		21,3	0,63	3,0	129	CVP	21,3	0,14	15%	18,1	24,5	129	127	98%								0		
(2) Method with ferrozine/ferene		21,3	0,60	2,8	111	0						111												
(4) Method with TPTZ		20,8	0,36	1,7	17	0						17												
Other					1	0						1												
														1x 99										
(7) Magnesium					136							0										136	133	98%
Samples and groups	[mmol/L]																							
Sample A		0,971	0,03	3,1	136							0	CRV	0,96	0,014	15%	0,816	1,11		136	135	99%		
(2) Photometry		0,975	0,02	2,9	103	0															103			
(4) UV enzyme method		0,959	0,02	3,1	32	0															32			
Other					1	0																1		
Sample B		1,19	0,03	3,0	136							0	CRV	1,171	0,018	15%	0,995	1,35		136	133	98%		
(2) Photometry		1,19	0,03	2,9	103	0															103			
(4) UV enzyme method		1,18	0,03	3,2	32	0															32			
Other					1	0																1		
														1x 99										

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Test	[unit]	Comparability										Traceability												
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}		
(8) Lithium					23							0								23	22	96%		
Samples and groups	[mmol/L]																							
Sample A		1,25	0,04	3,6	23							0		CRV	1,275	0,019	12%	1,12	1,43	23	23	100%		
(4) Photometry		1,23	0,03	3,0	14	0														14				
Other					9	0														9				
Sample B		0,990	0,04	4,1	23							0		3x 1, 2x 2, 4x 3 CRV	1,01	0,015	12%	0,888	1,14	23	22	96%		
(4) Photometry		0,984	0,03	3,8	14	0														14				
Other					9	0														9				
(9) Total protein					146							0								146	145	99%		
Samples and groups	[g/L]																							
Sample A		52,8	1,3	2,5	146							0		CRV	53,2	1,3	9%	48,4	58	146	145	99%		
(1) Biuret		52,8	1,3	2,5	146	0														146				
Sample B		75,5	2,0	2,6	146							0		CRV	74,9	1,8	9%	68,1	81,7	146	146	100%		
(1) Biuret		75,5	2,0	2,6	146	0														146				
(10) Albumin					141							141	139	99%								0		
Samples and groups	[g/L]																							
Sample A		33,9	1,3	3,8	141	CVP	33,9	0,27	10%	30,5	37,3	141	139	99%								0		
(1) BCG		34,0	1,2	3,5	132	0						132												
(2) BCP		31,9	1,0	3,3	9	0						9												
Sample B		47,7	1,8	3,9	141	CVP	47,7	0,38	10%	42,9	52,5	141	140	99%								0		
(1) BCG		47,9	1,7	3,6	132	0						132												
(2) BCP		45,7	0,58	1,3	9	0						9												
(11) Osmolality					51							51	51	100%								0		
Samples and groups	[mmol/kg]																							
Sample A		268	3,9	1,5	51	CVP	268	1,4	5%	254	282	51	51	100%								0		
(1) Osmometer		268	3,9	1,5	51	0						51												
Sample B		263	4,9	1,9	51	CVP	263	1,7	5%	249	277	51	51	100%								0		
(1) Osmometer		263	4,9	1,9	51	0						51												
(12) Lactate					58							58	56	97%								0		
Samples and groups	[mmol/L]																							
Sample A		4,97	0,18	3,6	58	CVP	4,97	0,058	15%	4,22	5,72	58	58	100%								0		
(1) UV enzyme method		4,94	0,22	4,4	18	0						18												
(2) Enzyme electrodes		4,71	0,60	13	6	0						6												
(3) Photometric enzyme method		4,98	0,15	3,0	34	0						34												
Sample B		5,97	0,26	4,3	58	CVP	5,97	0,083	15%	5,07	6,87	58	56	97%								0		
(1) UV enzyme method		5,95	0,25	4,1	18	0						18												
(2) Enzyme electrodes		5,60	1,0	19	6	0						6												
(3) Photometric enzyme method		5,97	0,24	4,1	34	0						34												
(13) Bilirubin total					152							0										152	146	96%
Samples and groups	[µmol/L]																							
Sample A		44,0	3,5	7,9	152							0		CRV	43	0,90	21%	33,9	52,1	152	149	98%		
(1) Jendrassik-Gróf		43,5	3,0	6,8	18	0														18				

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		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}									
(13) Bilirubin total	[µmol/L]				152							0				152	146	96%					
Samples and groups																							
Sample A		44,0	3,5	7,9	152							0	CRV	43	0,90	21%	33,9	52,1	152	149	98%		
(2) DCA, DPD		43,9	3,5	8,0	122	0															122		
(4) Oxidation-reduction methods		46,3	3,6	7,9	12	0															12		
Sample B		22,6	2,4	11	152							0	CRV	21,8	0,50	21%	17,2	26,4	152	146	96%		
(1) Jendrassik-Gróf		22,3	1,9	8,6	18	0															18		
(2) DCA, DPD		22,6	2,5	11	122	0															122		
(4) Oxidation-reduction methods		23,7	2,0	8,2	12	0															12		
(15) Cholesterol	[mmol/L]				144							0									140	137	98%
Samples and groups																							
Sample A		2,89	0,09	3,4	144							0									140	137	98%
(1) Enzyme method CHOD-PAP		2,89	0,09	3,3	140	0							CRV	2,972	0,043	9%	2,7	3,24			140		
Other					4	0						0											
																							4x 1/149
Sample B		4,14	0,13	3,2	144							0									140	139	99%
(1) Enzyme method CHOD-PAP		4,14	0,13	3,1	140	0							CRV	4,187	0,042	9%	3,81	4,57			140		
Other					4	0						0											
																							4x 1/149
(16) Glucose	[mmol/L]				153							0									153	153	100%
Samples and groups																							
Sample A		6,80	0,18	2,7	153							0	CRV	6,899	0,069	8%	6,34	7,46			153	153	100%
(1) GOD photometry		6,93	0,20	2,9	15	0																	15
(3) Method with hexokinase		6,78	0,17	2,6	136	0																	136
Other					2	0																	2
Sample B		13,2	0,34	2,5	153							0	2x 2 CRV	13,89	0,14	asym.	12,2	15,1			153	153	100%
(1) GOD photometry		13,5	0,29	2,1	15	0																	15
(3) Method with hexokinase		13,2	0,32	2,4	136	0																	136
Other					2	0																	2
																							2x 2
(17) Uric acid	[µmol/L]				149							0									149	149	100%
Samples and groups																							
Sample A		394	12	3,0	149							0	CRV	397,2	4,0	12%	349	445			149	149	100%
(2) Enzyme-photomet. m.		394	12	3,0	149	0																	149
Sample B		298	8,5	2,9	149							0	CRV	305,5	3,1	12%	268	343			149	149	100%
(2) Enzyme-photomet. m.		298	8,5	2,9	149	0																	149
(18) Urea	[mmol/L]				153							0									153	150	98%
Samples and groups																							
Sample A		10,1	0,41	4,1	153							0	CRV	10,53	0,11	15%	8,95	12,2			153	151	99%
(1) UV enzymatic m.(GMD)		10,1	0,40	4,0	151	0																	151
Other					2	0																	2
Sample B		5,10	0,25	4,9	153							0	2x 5 CRV	5,19	0,052	15%	4,41	5,97			153	151	99%
(1) UV enzymatic m.(GMD)		5,10	0,25	4,8	151	0																	151
Other					2	0																	2
																							2x 5

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		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(19) Creatinine	[µmol/L]				155							0								155	154	99%	
Samples and groups																							
Sample A		168	5,9	3,5	155							0	CRV	168	2,4	13%	146	190	155	155	100%		
(1) Jaffe		167	7,1	4,2	65	0													65				
(3) Enzyme		168	5,3	3,1	90	0													90				
Sample B		397	13	3,4	155							0	CRV	390,3	3,9	13%	339	442	155	154	99%		
(1) Jaffe		399	19	4,7	65	0													65				
(3) Enzyme		395	9,7	2,5	90	0													90				
(20) Triacylglycerols	[mmol/L]				144							0								144	143	99%	
Samples and groups																							
Sample A		1,49	0,06	4,3	144							0	CRV	1,466	0,015	15%	1,24	1,69	144	144	100%		
(1) Photometric enzyme (GPO-PAP)		1,49	0,06	4,3	141	0													141				
Other					3	0													3				
Sample B		1,24	0,05	4,1	144							0	CRV	1,244	0,012	15%	1,05	1,44	144	143	99%		
(1) Photometric enzyme (GPO-PAP)		1,24	0,05	4,1	141	0													141				
Other					3	0													3				
(21) ALP	[µkat/L]				147							140	140	100%						147	144	98%	
Samples and groups																							
Sample A		2,49	0,14	5,8	147							140	140	100%	CRV	2,606	0,073	20%	2,08	3,13	147	147	100%
(3) IFCC method; (1) Abbott		2,56	0,12	4,5	35	0	CVPG	2,56	0,048	15%	2,17	2,95	35										
(3) IFCC method		2,49	0,14	5,7	146	0														146			
(3) IFCC method; (46) Erba Lachema		2,59	0,06	2,6	7	0	CVPG	2,6	0,062	15%	2,21	2,99	7										
(3) IFCC method; (58) Beckman Coulter (AU)		2,66	0,11	4,2	17	0	CVPG	2,66	0,066	15%	2,26	3,06	17										
(3) IFCC method; (60) Roche		2,40	0,07	3,2	64	0	CVPG	2,4	0,024	15%	2,04	2,76	64										
(3) IFCC method; (149) Siemens (Dade, BN, Dimension)		2,46	0,09	3,9	5	0	CVPG	2,46	0,27	15%	2,09	2,83	5										
(3) IFCC method; (162) Siemens (Atellica)		2,46	0,08	3,6	6	0	CVPG	2,46	0,12	15%	2,09	2,83	6										
(3) IFCC method; (179) Siemens		2,43	0,07	3,0	5	0	CVPG	2,43	0,21	15%	2,06	2,8	5										
Other					1	0						1									1		
							1x 1/46, 2x 3/12, 1x 3/85, 4x 3/177							1x 1									
Sample B		8,76	0,84	9,6	147							140	140	100%	CRV	9,31	0,26	20%	7,44	11,2	147	144	98%
(3) IFCC method; (1) Abbott		9,14	0,37	4,1	35	0	CVPG	9,14	0,15	15%	7,76	10,6	35										
(3) IFCC method		8,75	0,83	9,5	146	0														146			
(3) IFCC method; (46) Erba Lachema		9,55	0,52	5,4	7	0	CVPG	9,57	0,41	15%	8,13	11,1	7										
(3) IFCC method; (58) Beckman Coulter (AU)		10,1	0,38	3,8	17	0	CVPG	10,1	0,23	15%	8,58	11,7	17										
(3) IFCC method; (60) Roche		8,19	0,32	3,9	64	0	CVPG	8,19	0,099	15%	6,96	9,42	64										
(3) IFCC method; (149) Siemens (Dade, BN, Dimension)		8,54	0,22	2,5	5	0	CVPG	8,54	0,61	15%	7,25	9,83	5										
(3) IFCC method; (162) Siemens (Atellica)		8,31	0,16	1,9	6	0	CVPG	8,31	0,22	15%	7,06	9,56	6										
(3) IFCC method; (179) Siemens		8,18	0,02	0,27	5	0	CVPG	8,18	0,063	15%	6,95	9,41	5										
Other					1	0						1									1		
							1x 1/46, 2x 3/12, 1x 3/85, 4x 3/177							1x 1									

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(22) alpha-amylase					144							0				141	137	97%	
Samples and groups	[µkat/L]																		
Sample A		8,24	0,64	7,7	144							0				141	137	97%	
(1) IFCC method		8,21	0,61	7,5	140	1							CRV	8,16	0,23	15%	6,93	9,39	140
Other					4	0						0							1
																			3x 1/149
Sample B		4,59	0,28	6,0	144							0				141	139	99%	
(1) IFCC method		4,58	0,26	5,8	140	0							CRV	4,59	0,13	15%	3,9	5,28	140
Other					4	0						0							1
																			3x 1/149
(23) AST					152							0				152	149	98%	
Samples and groups	[µkat/L]																		
Sample A		5,57	0,22	3,9	152							0				152	149	98%	
(1) IFCC method		5,57	0,22	3,9	152	0							CRV	5,48	0,13	15%	4,65	6,31	152
Sample B		4,24	0,17	4,1	152							0				152	149	98%	
(1) IFCC method		4,24	0,17	4,1	152	0							CRV	4,22	0,096	15%	3,58	4,86	152
(24) ALT					152							0				152	142	93%	
Samples and groups	[µkat/L]																		
Sample A		3,15	0,14	4,3	152							0				152	151	99%	
(1) IFCC method		3,15	0,14	4,3	152	0							CRV	3,169	0,077	15%	2,69	3,65	152
Sample B		1,57	0,10	6,5	152							0				152	142	93%	
(1) IFCC method		1,57	0,10	6,5	152	0							CRV	1,536	0,036	15%	1,3	1,77	152
(26) CK					134							0				134	126	94%	
Samples and groups	[µkat/L]																		
Sample A		3,99	0,28	7,0	134							0				134	126	94%	
(1) IFCC method		3,99	0,28	7,0	134	0							CRV	4,34	0,100	20%	3,47	5,21	134
Sample B		3,21	0,18	5,5	134							0				134	133	99%	
(1) IFCC method		3,21	0,18	5,5	134	0							CRV	3,407	0,089	20%	2,72	4,09	134
(27) gamma-GT					150							0				150	148	99%	
Samples and groups	[µkat/L]																		
Sample A		2,43	0,08	3,4	150							0				150	150	100%	
(1) IFCC method		2,43	0,08	3,3	149	0							CRV	2,46	0,061	15%	2,09	2,83	149
Other					1	0													1
																			1x 99
Sample B		1,63	0,05	3,3	150							0				150	148	99%	
(1) IFCC method		1,63	0,05	3,3	149	0							CRV	1,696	0,044	15%	1,44	1,96	149
Other					1	0													1
																			1x 99
(28) LD					114							0				114	112	98%	
Samples and groups	[µkat/L]																		
Sample A		3,08	0,11	3,5	114							0				114	112	98%	
(3) IFCC method		3,08	0,11	3,5	114	0							CRV	3,119	0,074	18%	2,55	3,69	114
Sample B		6,64	0,20	3,0	114							0				114	113	99%	
(3) IFCC method		6,64	0,20	3,0	114	0							CRV	6,59	0,16	18%	5,4	7,78	114

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: AKS3/22 - Basic Clinical Chemistry - Serum

Deadline: 29.07.2022

Test	[unit]	Comparability					Traceability																	
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}		
(29) Lipase					80							60	58	97%									0	
Samples and groups	[µkat/L]																							
Sample A		0,892	0,05	6,4	80							60	59	98%									0	
(0) Not specified;	(1) Abbott	0,908	0,05	5,6	14	0	CVPG	0,908	0,033	24%	0,69	1,13												
(0) Not specified;	(58) Beckman Coulter (AU)	0,916	0,05	6,0	12	0	CVPG	0,916	0,039	24%	0,696	1,14												
(0) Not specified;	(60) Roche	0,878	0,03	4,1	34	0	CVPG	0,878	0,015	24%	0,667	1,09												
Other					20	0																		
								2x 0/12, 1x 0/46, 4x 0/49, 4x 0/116, 1x 0/149, 3x 0/162, 1x 0/177, 4x 0/179																
Sample B		0,544	0,03	6,3	80							60	59	98%									0	
(0) Not specified;	(1) Abbott	0,545	0,03	7,2	14	0	CVPG	0,545	0,026	24%	0,414	0,676												
(0) Not specified;	(58) Beckman Coulter (AU)	0,533	0,02	4,4	12	0	CVPG	0,533	0,017	24%	0,405	0,661												
(0) Not specified;	(60) Roche	0,540	0,01	3,3	34	0	CVPG	0,54	0,0075	24%	0,41	0,67												
Other					20	0																		
								2x 0/12, 1x 0/46, 4x 0/49, 4x 0/116, 1x 0/149, 3x 0/162, 1x 0/177, 4x 0/179																
(30) Cholinesterase					48							48	46	96%									0	
Samples and groups	[µkat/L]																							
Sample A		89,6	3,1	3,5	48		CVP	89,6	1,1	12%	78,8	101											0	
(1) Standard method		89,6	3,2	3,6	47	0																		
Other					1	0																		
								1x 99																
Sample B		126	4,7	3,7	48		CVP	126	1,7	12%	110	142											0	
(1) Standard method		126	4,8	3,8	47	0																		
Other					1	0																		
								1x 99																
(31) Albumin (elpho)					35							35	34	97%									0	
Samples and groups	[-]																							
Sample A		0,634	0,03	5,2	35		CVP	0,634	0,014	15%	0,538	0,73											0	
(0) Not specified		0,634	0,03	5,2	35	0																		
Sample B		0,630	0,04	6,4	35		CVP	0,63	0,017	15%	0,535	0,725											0	
(0) Not specified		0,630	0,04	6,4	35	0																		
(32) gamma-globuline (elpho)					35							35	35	100%									0	
Samples and groups	[-]																							
Sample A		0,133	0,01	8,4	35		CVP	0,133	0,0046	30%	0,093	0,173											0	
(0) Not specified		0,133	0,01	8,4	35	0																		
Sample B		0,134	0,01	9,9	35		CVP	0,134	0,0055	30%	0,093	0,175											0	
(0) Not specified		0,134	0,01	9,9	35	0																		
(35) alpha-amylase pancreatic					61							61	61	100%									0	
Samples and groups	[µkat/L]																							
Sample A		7,35	0,27	3,7	61		CVP	7,35	0,086	18%	6,02	8,68											0	
(1) With IFCC calibration		7,35	0,27	3,7	61	0																		
Sample B		3,87	0,14	3,5	61		CVP	3,87	0,042	18%	3,17	4,57											0	
(1) With IFCC calibration		3,87	0,14	3,5	61	0																		

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of the groups n = 5

EQA round: AKS3/22 - Basic Clinical Chemistry - Serum

Deadline: 29.07.2022

Test	[unit]	Comparability						Traceability															
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(36) Calcium ionised	[mmol/L]				29							29	26	90%									0
Samples and groups																							
Sample A		1,34	0,04	3,1	29	CVP	1,34	0,019	10%	1,2	1,48	29	26	90%									0
(2) Direct ISE		1,34	0,03	2,5	23	0						23											
Other					6	0						6											
						4x 0, 2x 1																	
Sample B		1,04	0,04	4,0	29	CVP	1,04	0,019	10%	0,936	1,15	29	26	90%									0
(2) Direct ISE		1,05	0,03	3,3	23	0						23											
Other					6	0						6											
						4x 0, 2x 1																	

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End of report

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