

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

EQA round: KM2/22 - Cardiac Markers

Deadline: 26.08.2022

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											
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}
Set 1													
(218) CK-MB mass					9						8	8	100%
Samples and groups	[µg/L]												
Sample A1		45,2	9,3	21	9						8	8	100%
Other					9	0					8		
							1x 1, 2x 12, 4x 60, 1x 61, 1x 179						
Sample B1		3,83	0,16	4,3	9						8	8	100%
Other					9	0					8		
							1x 1, 2x 12, 4x 60, 1x 61, 1x 179						
(441) Myoglobin					21						19	18	95%
Samples and groups	[µg/L]												
Sample A1		257	30	12	21						19	19	100%
(60) Roche		258	9,2	3,6	13	0	CVPG	257	3,8	22%	200	314	13
Other					8	0					6		
							2x 821, 2x 843, 1x 12, 1x 149, 1x 178, 1x 179						
Sample B1		31,3	5,0	16	21						19	18	95%
(60) Roche		29,0	2,2	7,4	13	0	CVPG	29	0,61	22%	22,6	35,4	13
Other					8	0					6		
							2x 821, 2x 843, 1x 12, 1x 149, 1x 178, 1x 179						
(442) Troponin I					15						14	14	100%
Samples and groups	[ng/L]												
Sample A1		277	220	80	15						14	14	100%
(821) Abbott Architect, Alinity (series i)		516	4,60,89		5	0	CVPG	526	12	27%	383	669	5
(839) Beckman Coulter UniCel DxI 600, 800		119	3,3	2,8	6	0	CVPG	119	2,6	27%	86,8	152	6
Other					4	0					3		
							1x 804, 2x 815, 1x 849						
Sample B1		28,5	6,1	22	15						14	14	100%
(821) Abbott Architect, Alinity (series i)		22,7	2,6	11	5	0	CVPG	23,3	0,56	27%	17	29,6	5
(839) Beckman Coulter UniCel DxI 600, 800		28,7	0,96	3,4	6	0	CVPG	28,9	0,53	27%	21	36,8	6
Other					4	0					3		
							1x 804, 2x 815, 1x 849						
(443) Troponin T					31						29	27	93%
Samples and groups	[ng/L]												
Sample A1		1810	180	9,7	31						29	29	100%
(2) Immunochemical methods (hs); (60) Roche		1800	170	9,4	29	0	CVPG	1810	28	22%	1410	2210	29
Other					2	0					0		
							1x 1/60, 1x 4/61						
Sample B1		16,1	2,3	14	31						29	27	93%
(2) Immunochemical methods (hs); (60) Roche		16,3	2,2	13	29	0	CVPG	16,4	0,42	22%	12,7	20,1	29
Other					2	0					0		
							1x 1/60, 1x 4/61						
(444) Homocysteine					22						17	17	100%
Samples and groups	[µmol/L]												
Sample A1		18,2	1,9	11	22						17	17	100%
(109) Axis-Shield		19,0	1,6	8,5	11	0	CVPG	19	0,97	26%	14	24	11
Other					11	0					6		
							3x 1, 1x 58, 2x 60, 2x 75, 1x 149, 1x 179, 1x 999						
Sample B1		12,3	1,3	11	22						17	17	100%
(109) Axis-Shield		12,8	0,98	7,6	11	0	CVPG	13,2	0,64	26%	9,76	16,7	11
Other					11	0					6		
							3x 1, 1x 58, 2x 60, 2x 75, 1x 149, 1x 179, 1x 999						
(447) NT-proBNP					42						40	39	98%
Samples and groups	[ng/L]												
Sample A1		2720	400	15	42						40	39	98%
(1) Abbott		3020	180	6,1	7	0	CVPG	2980	55	27%	2170	3790	7
(60) Roche		2500	160	6,4	28	0	CVPG	2480	34	27%	1810	3150	28
Other					7	0					5		
							2x 15, 3x 54, 2x 61						
Sample B1		211	26	12	42						40	39	98%
(1) Abbott		221	32	14	7	0	CVPG	220	5,1	27%	160	280	7
(60) Roche		201	14	6,8	28	0	CVPG	198	2,5	27%	144	252	28
Other					7	0					5		
							2x 15, 3x 54, 2x 61						

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							AV	U _{AV}	D _{max}	LL	UL	N _{eva}
Set 2												
(449) BNP					3							2 2 100%
Samples and groups	[ng/L]											
Sample A2		23,5	12	50	3							2 2 100%
Other					3	0						2
							2x 1, 1x 179					
Sample B2		86,5	29	33	3							2 2 100%
Other					3	0						2
							2x 1, 1x 179					
st_kn_p												Printed: 31.08.2022
												End of report