

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

## EQA round: KM1/22 - Cardiac Markers

Deadline: 11.02.2022

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 <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Test					Comparability							
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>
<b>Set 1</b>														
<b>(218) CK-MB mass</b>					8							8	7	88%
Samples and groups	[µg/L]													
<b>Sample A1</b>		9,33	2,0	21	8							8	7	88%
Other					8	0						8		
							1x 1, 2x 12, 4x 60, 1x 179							
<b>Sample B1</b>		40,4	6,2	15	8							8	8	100%
Other					8	0						8		
							1x 1, 2x 12, 4x 60, 1x 179							
<b>(441) Myoglobin</b>					21							19	19	100%
Samples and groups	[µg/L]													
<b>Sample A1</b>		94,2	6,7	7,1	21							19	19	100%
(60) Roche		94,3	3,6	3,9	13	0	CVPG	94,4	1,1	22%	73,6	116	13	
Other					8	0						6		
							4x 1, 1x 12, 1x 149, 1x 178, 1x 179							
<b>Sample B1</b>		236	15	6,5	21							19	19	100%
(60) Roche		235	7,2	3,1	13	0	CVPG	234	2,4	22%	182	286	13	
Other					8	0						6		
							4x 1, 1x 12, 1x 149, 1x 178, 1x 179							
<b>(442) Troponin I</b>					13							12	11	92%
Samples and groups	[ng/L]													
<b>Sample A1</b>		3,54	2,3	66	13							12	11	92%
(839) Beckman Coulter UniCel DxI 600, 800		2,05	0,37	18	5	0	CVPG	2,11	0,17	±2,7	0	4,81	5	
Other					8	1						7		
							4x 2/821, 1x 804, 2x 815, 1x 849							
<b>Sample B1</b>		5,89	3,5	60	13							12	11	92%
(839) Beckman Coulter UniCel DxI 600, 800		3,20	0,30	9,3	5	0	CVPG	3,43	0,28	±2,7	0,73	6,13	5	
Other					8	1						7		
							4x 2/821, 1x 804, 2x 815, 1x 849							
<b>(443) Troponin T</b>					31							30	26	87%
Samples and groups	[ng/L]													
<b>Sample A1</b>		15,1	2,4	16	31							30	26	87%
(2) Immunochemical methods (hs); (60) Roche		15,1	2,5	16	30	0	CVPG	14,3	0,44	22%	11,1	17,5	30	
Other					1	0						0		
							1x 1/60							
<b>Sample B1</b>		22,7	2,4	11	31							30	29	97%
(2) Immunochemical methods (hs); (60) Roche		22,8	2,4	10	30	0	CVPG	22,4	0,44	22%	17,4	27,4	30	
Other					1	0						0		
							1x 1/60							
<b>(444) Homocysteine</b>					22							17	17	100%
Samples and groups	[µmol/L]													
<b>Sample A1</b>		11,2	1,3	12	22							17	17	100%
(109) Axis-Shield		11,6	1,0	8,8	11	0	CVPG	11,9	0,58	26%	8,8	15	11	
Other					11	0						6		
							3x 1, 1x 58, 2x 60, 2x 75, 1x 149, 1x 179, 1x 999							
<b>Sample B1</b>		11,3	1,4	12	22							17	17	100%
(109) Axis-Shield		11,8	1,2	10	11	0	CVPG	12	0,62	26%	8,88	15,2	11	
Other					11	0						6		
							3x 1, 1x 58, 2x 60, 2x 75, 1x 149, 1x 179, 1x 999							
<b>(447) NT-proBNP</b>					41							40	38	95%
Samples and groups	[ng/L]													
<b>Sample A1</b>		207	16	7,8	41							40	38	95%
(1) Abbott		218	7,4	3,4	6	0	CVPG	216	5,2	27%	157	275	6	
(60) Roche		202	13	6,3	29	0	CVPG	197	3,3	27%	143	251	29	
Other					6	0						5		
							2x 15, 3x 54, 1x 61							
<b>Sample B1</b>		545	56	10	41							40	38	95%
(1) Abbott		584	37	6,3	6	0	CVPG	589	13	27%	429	749	6	
(60) Roche		522	30	5,8	29	0	CVPG	511	7,9	27%	373	649	29	
Other					6	0						5		
							2x 15, 3x 54, 1x 61							

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<b>Set 2</b>														
<b>(449) BNP</b>					3							2	2	100%
Samples and groups	[ng/L]													
<b>Sample A2</b>		377	100	26	3							2	2	100%
Other					3	0						2		
							2x 1, 1x 179							
<b>Sample B2</b>		1960	450	23	3							2	2	100%
Other					3	0						2		
							2x 1, 1x 179							
st_kn_p														
							End of report							Printed: 18.02.2022