

Filter: Slovakia, minimal size of groups n = 5

EQA round: KM2/18 - Cardiac Markers

Dead line: 24.08.2018

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 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					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
Set of samples 1														
(218) CK-MB mass					10							10	10	100%
Samples and groups		[µg/L]												
Sample A1					10							10	10	100%
(60) Roche		10,8	0,62	5,7	6	0	CVPG	10,6	0,46	27%	7,73	13,5	6	
Other		10,9	0,68	6,2	4	0							4	
								1x 1, 2x 12, 1x 179						
Sample B1					10							10	10	100%
(60) Roche		43,1	2,2	5,0	6	0	CVPG	41,6	1,6	27%	30,3	52,9	6	
Other		43,0	2,2	5,1	4	0							4	
								1x 1, 2x 12, 1x 179						
(441) Myoglobin					17							15	15	100%
Samples and groups		[µg/L]												
Sample A1					17							15	15	100%
(60) Roche		93,9	14	15	8	0	CVPG	95,4	1,5	22%	74,4	117	8	
Other		96,5	4,5	4,6	9	0							7	
								3x 1, 2x 12, 1x 54, 1x 58, 1x 149, 1x 179						
Sample B1					17							15	15	100%
(60) Roche		224	32	14	8	0	CVPG	222	3,0	22%	173	271	8	
Other		223	12	5,4	9	0							7	
								3x 1, 2x 12, 1x 54, 1x 58, 1x 149, 1x 179						
(442) Troponin I					15							12	10	83%
Samples and groups		[ng/L]												
Sample A1					15							12	10	83%
(2) Immunochemical methods (hs); (839) Beckman Coulter UniCel DxI 600, 800		43,2	27	62	6	0	CVPG	21,4	0,74	27%	15,6	27,2	6	
Other		22,1	3,1	14	9	0							6	
								2x 1/804, 1x 1/815, 1x 1/821, 2x 1/849, 1x 2/815, 2x 2/821						
Sample B1					15							12	11	92%
(2) Immunochemical methods (hs); (839) Beckman Coulter UniCel DxI 600, 800		82,0	51	63	6	0	CVPG	45,3	1,8	27%	33	57,6	6	
Other		46,5	2,4	5,1	9	0							6	
								2x 1/804, 1x 1/815, 1x 1/821, 2x 1/849, 1x 2/815, 2x 2/821						
(443) Troponin T					24							24	23	96%
Samples and groups		[ng/L]												
Sample A1					24							24	23	96%
(2) Immunochemical methods (hs); (60) Roche		93,0	8,3	8,9	24	0	CVPG	94,3	2,1	22%	73,5	116	24	
Other		93,0	8,3	8,9	12	0							4	
								2x 1, 1x 29, 3x 58, 1x 60, 2x 75, 1x 149, 2x 999						
Sample B1					24							24	24	100%
(2) Immunochemical methods (hs); (60) Roche		180	14	8,0	24	0	CVPG	183	3,7	22%	142	224	24	
Other		180	14	8,0	12	0							4	
								2x 1, 1x 29, 3x 58, 1x 60, 2x 75, 1x 149, 2x 999						
(444) Homocysteine					21							13	13	100%
Samples and groups		[µmol/L]												
Sample A1					21							13	13	100%
(109) Alere / Axis-Shield		8,72	1,1	13	9	0	CVPG	9,1	0,42	26%	6,73	11,5	9	
Other		9,25	0,67	7,2	12	0							4	
								2x 1, 1x 29, 3x 58, 1x 60, 2x 75, 1x 149, 2x 999						
Sample B1					21							13	13	100%
(109) Alere / Axis-Shield		8,71	1,0	12	9	0	CVPG	9,13	0,45	26%	6,75	11,6	9	
Other		9,15	0,81	8,8	12	0							4	
								2x 1, 1x 29, 3x 58, 1x 60, 2x 75, 1x 149, 2x 999						
(447) NT-proBNP					34							33	33	100%
Samples and groups		[ng/L]												
Sample A1					34							33	33	100%
(60) Roche		252	24	9,3	25	0	CVPG	239	4,3	27%	174	304	25	
Other		243	12	5,1	9	0							8	
								2x 1, 2x 15, 4x 54, 1x 61						
Sample B1					34							33	33	100%
(60) Roche		632	80	13	25	0	CVPG	588	10	27%	429	747	25	
Other		596	29	4,9	9	0							8	
								2x 1, 2x 15, 4x 54, 1x 61						

Test	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability						
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}
Set of samples 2													
(449) BNP					4						3	2	67%
Samples and groups	[ng/L]												
Sample A2		50,0	18	36	4						3	2	67%
Other					4	0					3		
						3x 1, 1x 999							
Sample B2		127	40	32	4						3	3	100%
Other					4	0					3		
						3x 1, 1x 999							
st_kn_p							End of report						Printed: 30.08.2018