

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

EQA round: KM2/20 - Cardiac Markers

Deadline: 21.08.2020

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}	S _{rel}
Set 1														
(218) CK-MB mass														
Samples and groups [µg/L]														
11 9 9 100%														
Sample A1														
(60) Roche 8,74 1,4 16 11 9 9 100%														
Other 9,24 0,50 5,5 5 0 CVPG 9,26 0,30 27% 6,75 11,8 5 5														
1x 1, 2x 12, 1x 61, 1x 149, 1x 179 6 0 4														
Sample B1														
(60) Roche 46,1 4,9 11 11 9 9 100%														
Other 46,0 1,9 4,2 5 0 CVPG 45,9 1,2 27% 33,5 58,3 5 5														
1x 1, 2x 12, 1x 61, 1x 149, 1x 179 6 0 4														
(441) Myoglobin														
Samples and groups [µg/L]														
22 19 18 95%														
Sample A1														
(60) Roche 94,7 13 13 22 19 19 100%														
Other 99,1 4,2 4,2 10 0 CVPG 98,4 1,5 22% 76,7 121 10 10														
3x 1, 3x 12, 1x 54, 2x 58, 1x 149, 1x 178, 1x 179 12 0 9														
Sample B1														
(60) Roche 242 35 14 22 19 18 95%														
Other 245 12 4,9 10 0 CVPG 245 3,7 22% 191 299 10 10														
3x 1, 3x 12, 1x 54, 2x 58, 1x 149, 1x 178, 1x 179 12 0 9														
(442) Troponin I														
Samples and groups [ng/L]														
19 18 17 94%														
Sample A1														
(839) Beckman Coulter UniCel DxI 1,07 1,0 93 19 18 18 100%														
600, 800 0,793 0,80 100 8 0 CVPG 1,51 0,44 ±10,09 0 11,6 8 8														
Other 11 0 10 10														
1x 1/815, 1x 804, 2x 815, 4x 821, 3x 849														
Sample B1														
(839) Beckman Coulter UniCel DxI 16,6 11 64 19 18 17 94%														
600, 800 19,5 2,2 11 8 0 CVPG 19,5 0,55 27% 14,2 24,8 8 8														
Other 11 1 10 10														
1x 1/815, 1x 804, 2x 815, 4x 821, 3x 849														
(443) Troponin T														
Samples and groups [ng/L]														
28 28 26 93%														
Sample A1														
(2) Immunochemical methods (hs); 8,46 2,0 24 28 28 26 93%														
(60) Roche 8,39 2,0 24 27 0 CVPG 7,34 0,48 60% 2,93 11,8 27 27														
Other 1 0 1 1														
1x 4/61														
Sample B1														
(2) Immunochemical methods (hs); 27,0 2,3 8,6 28 28 27 96%														
(60) Roche 27,1 2,1 7,9 27 0 CVPG 27,1 0,53 22% 21,1 33,1 27 27														
Other 1 0 1 1														
1x 4/61														
(444) Homocysteine														
Samples and groups [µmol/L]														
23 16 14 88%														
Sample A1														
(109) Alere / Axis-Shield 10,9 1,1 10 23 16 15 94%														
Other 11,0 0,71 6,4 10 0 CVPG 11,3 0,24 26% 8,36 14,3 10 10														
3x 1, 1x 29, 2x 58, 1x 60, 3x 75, 1x 149, 1x 179, 1x 999 13 0 6														
Sample B1														
(109) Alere / Axis-Shield 11,0 1,5 14 23 16 15 94%														
Other 10,9 1,3 12 10 0 CVPG 11,2 0,60 26% 8,28 14,2 10 10														
3x 1, 1x 29, 2x 58, 1x 60, 3x 75, 1x 149, 1x 179, 1x 999 13 0 6														
(447) NT-proBNP														
Samples and groups [ng/L]														
40 37 36 97%														
Sample A1														
(60) Roche 137 23 17 40 37 36 97%														
Other 137 8,7 6,3 27 0 CVPG 134 2,8 27% 97,8 171 27 27														
4x 1, 2x 15, 4x 54, 2x 61, 1x 149 13 0 10														
Sample B1														
(60) Roche 506 75 15 40 37 36 97%														
Other 491 53 11 27 0 CVPG 476 12 27% 347 605 27 27														
4x 1, 2x 15, 4x 54, 2x 61, 1x 149 13 0 10														

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

EQA round: KM2/20 - Cardiac Markers

Deadline: 21.08.2020

Test	[unit]					Comparability								
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
Set 2														
(449) BNP					4							3	3	100%
Samples and groups	[ng/L]													
Sample A2		121	56	46	4							3	3	100%
Other					4	0						3		
							3x 1, 1x 179							
Sample B2		460	170	37	4							3	3	100%
Other					4	0						3		
							3x 1, 1x 179							
st_kn_p														
							End of report							Printed: 28.08.2020