

## Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

## EQA round: KD4/21 - Glycated Haemoglobin

Deadline: 09.10.2021

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]	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>(220) Haemoglobin A1c</b>					152						152	140	92%	
----- Samples and groups	[mmol/mol]													
<b>Sample A</b>		68,0	4,2	6,2	152	CVP	68	0,84	12%	59,8	76,2	152	143	94%
(14) Bio-Rad		70,6	2,2	3,2	44	0						44		
(25) TOSOH		68,9	2,0	2,9	45	0						45		
(60) Roche		70,9	2,8	3,9	13	0						13		
(150) Arkray		63,1	2,7	4,3	38	0						38		
Other					12	0						12		
							2x 1, 2x 34, 1x 46, 3x 58, 1x 81, 1x 149, 2x 177							
<b>Sample B</b>		32,7	2,2	6,8	152	CVP	32,7	0,44	12%	28,7	36,7	152	144	95%
(14) Bio-Rad		33,2	1,4	4,3	44	0						44		
(25) TOSOH		33,8	1,6	4,7	45	0						45		
(60) Roche		34,3	2,8	8,2	13	0						13		
(150) Arkray		30,5	1,3	4,1	38	0						38		
Other					12	0						12		
							2x 1, 2x 34, 1x 46, 3x 58, 1x 81, 1x 149, 2x 177							

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End of report

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