

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: KD4/20 - Glycated Haemoglobin

Deadline: 04.12.2020

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}	
(220) Haemoglobin A1c					126						126	118	94%		
----- Samples and groups -----	[mmol/mol]														
Sample A		33,6	2,4	7,2	126	CVP	33,6	0,53	14%	28,8	38,4	126	118	94%	
(14) Bio-Rad		34,6	1,6	4,7	30	1						30			
(25) TOSOH		34,5	1,1	3,3	38	0						38			
(60) Roche		33,8	3,2	9,4	12	0						12			
(150) Arkray		31,4	1,2	3,9	33	0						33			
Other					13	0						13			
							3x 1, 1x 4, 1x 34, 3x 58, 1x 81, 1x 149, 1x 165, 2x 177								
Sample B		73,5	4,6	6,2	126	CVP	73,5	1,0	12%	64,6	82,4	126	123	98%	
(14) Bio-Rad		76,0	1,9	2,6	30	1						30			
(25) TOSOH		74,6	2,1	2,9	38	0						38			
(60) Roche		77,1	4,1	5,4	12	0						12			
(150) Arkray		67,9	2,0	3,0	33	0						33			
Other					13	0						13			
							3x 1, 1x 4, 1x 34, 3x 58, 1x 81, 1x 149, 1x 165, 2x 177								

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End of report

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