

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: KD4/22 - Glycated Haemoglobin

Deadline: 14.10.2022

RoM = robust average
 SD = standard deviation
 CV = coefficient of variation
 Ntot = total number of the participants
 Nout = number of results excluded before calculation

AV = assigned value
 CRV = certified reference value
 RV = reference value
 CVE = consensus value from experts
 CVP = consensus value from all participants
 CVPG = consensus value from participants groups
 U_{AV} = expanded uncertainty of the assigned value (k = 2)

Dmax = acceptable percent difference
 LL = lower limit
 UL = upper limit
 Neva = number of evaluated participants
 Nsuc = number of successful participants
 Srel = success (relative)

Test	[unit]	Comparability							Traceability															
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}		
(220) Haemoglobin A1c	[mmol/mol]	160							0							160 153 96%								
Samples and groups		65,0	3,3	5,1	160							0				CRV	65,9	1,0	13%	57,3	74,5	160	156	98%
Sample A		65,2	1,9	3,0	47	0						0				CRV	47							
(14) Bio-Rad		66,3	2,5	3,7	47	0						0				CRV	47							
(25) TOSOH		69,5	1,8	2,5	12	0						0				CRV	12							
(60) Roche		61,8	2,1	3,4	43	0						0				CRV	43							
(150) Arkray					11	0										Other	11							
Other																								
Sample B		45,4	2,8	6,3	160							0				1x 1, 2x 34, 2x 46, 3x 58, 1x 149, 1x 177, 1x 196								
(14) Bio-Rad		47,3	1,9	4,0	47	0						0				CRV	47							
(25) TOSOH		45,8	2,2	4,8	47	0						0				CRV	47							
(60) Roche		46,4	1,8	4,0	12	0						0				CRV	12							
(150) Arkray		42,6	1,7	4,0	43	0						0				CRV	43							
Other					11	0										Other	11							
1x 1, 2x 34, 2x 46, 3x 58, 1x 149, 1x 177, 1x 196																								

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End of report

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