

Summary statistics - quantitative results

(Groups: measurement principle)

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																							
Sample A		65,0	3,3	5,1	160								0		CRV	65,9	1,0	13%	57,3	74,5	160	156	98%
(1) HPLC, LC		64,5	3,0	4,7	136	0																	
(4) Immunochemical meth.		68,4	3,1	4,6	21	0																	
Other					3	0																3	
Sample B		45,4	2,8	6,3	160								0		CRV	45,5	1,0	13%	39,5	51,5	160	155	97%
(1) HPLC, LC		45,4	3,0	6,6	136	0																	
(4) Immunochemical meth.		45,8	2,1	4,5	21	0																	
Other					3	0																3	
3x 99																							

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End of report

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