

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

Deadline: 29.07.2022

EQA round: KD3/22 - Glycated Haemoglobin

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						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]				141							0									141	136	96%
Samples and groups																							
Sample A		45,5	2,6	5,8	141							0	CRV	45,5	1,0	13%	39,5	51,5		141	137	97%	
(14) Bio-Rad		47,4	1,8	3,7	40	0															40		
(25) TOSOH		45,6	1,4	3,0	49	0															49		
(60) Roche		47,0	1,5	3,2	8	0															8		
(150) Arkray		42,6	1,7	4,1	35	0															35		
Other					9	1															9		
Sample B		65,2	3,0	4,6	141							0	CRV	65,9	1,0	13%	57,3	74,5		141	139	99%	
(14) Bio-Rad		65,3	1,9	2,9	40	0															40		
(25) TOSOH		66,2	1,7	2,6	49	0															49		
(60) Roche		70,0	1,8	2,5	8	0															8		
(150) Arkray		61,8	2,4	3,9	35	0															35		
Other					9	0															9		
														3x 1, 3x 34, 2x 58, 1x 149									

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End of report

Printed: 05.08.2022