

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

Deadline: 28.08.2020

EQA round: KD3/20 - 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]				170							0									170	169	99%
Samples and groups																							
Sample A		40,4	2,1	5,3	170							0	CRV	40,8	1,7	14%	35	46,6		170	169	99%	
(14) Bio-Rad		41,5	1,4	3,3	44	0															44		
(25) TOSOH		41,1	1,2	2,9	62	0															62		
(60) Roche		41,2	2,7	6,4	9	0															9		
(150) Arkray		38,0	1,1	2,8	46	0															46		
Other					9	0															9		
Sample B		51,0	2,6	5,2	170							0	CRV	51,2	1,2	14%	44	58,4		170	169	99%	
(14) Bio-Rad		53,0	1,6	3,0	44	0															44		
(25) TOSOH		51,3	1,2	2,4	62	0															62		
(60) Roche		52,3	3,0	5,6	9	0															9		
(150) Arkray		48,1	1,3	2,7	46	0															46		
Other					9	0															9		
														3x 1, 3x 34, 1x 50, 1x 58, 1x 149									

st_kn_np

End of report

Printed: 07.09.2020