

EQA round: KD3/24 - Glycated Haemoglobin

Deadline: 26.7.2024

Setup: groups - M (measurement principle); Slovakia; minimal size of the groups n = 5

RoM = robust average

AV = assigned value

D_{max} = acceptable difference

SD = standard deviation

CVP = consensus of all participants

LL = lower limit

CV = coefficient of variation

U_{AV} = expanded uncertainty of the assigned value (k = 2)

UL = upper limit

N_{tot} = total number of the resultsN_{eva} = number of the results assessedN_{out} = number of the results removed before calculationN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(220) Haemoglobin A _{1c}	[mmol/mol]				17							17	17	100	
Sample A		73,9	3	4	17		CVP	73,4	0,84	10%	66	80,8	17	17	100
(1) HPLC, LC		73,5	3,3	4,5	14	0							14		
Other					3	0							3		
							3x 4								
Sample B		32,1	1,2	3,7	17		CVP	32,3	0,39	10%	29	35,6	17	17	100
(1) HPLC, LC		32,1	1,1	3,4	14	0							14		
Other					3	0							3		
							3x 4								