

EQA round: KD2/25 - Glycated Haemoglobin

Deadline: 4.4.2025

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{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]				22							22	21	95	
Sample A		52,6	1,6	3,1	22		CVP	52,9	0,39	asym.	47	59	22	21	95
(1) HPLC, LC		52,1	2,2	4,2	17	1							17		
(4) Immunochemical meth.		53,3	1	1,9	5	0							5		
Sample B		40,2	2	5,1	22		CVP	40,7	0,32	asym.	36	45	22	21	95
(1) HPLC, LC		39,6	1,8	4,6	17	1							17		
(4) Immunochemical meth.		41,9	1,6	3,7	5	0							5		