

EQA round: KD1/25 - Glycated Haemoglobin

Deadline: 24.1.2025

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]				25							25	25	100	
Sample A		61,6	2,9	4,7	25		CVP	60,5	0,44	asym.	54	67	25	25	100
(1) HPLC, LC		60,4	3,1	5,1	15	0							15		
(4) Immunochemical meth.		63,3	2	3,1	10	0							10		
Sample B		44,5	2,1	4,8	25		CVP	44,4	0,35	asym.	39	49	25	25	100
(1) HPLC, LC		44,1	2,2	4,9	15	0							15		
(4) Immunochemical meth.		45,1	1,9	4,2	10	0							10		