

EQA round: KD4/23 - Glycated Haemoglobin

Deadline: 3.11.2023

Setup: groups - 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					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(220) Haemoglobin A _{1c}	[mmol/mol]				28							28	26	93	
Sample A		44	1,6	3,7	28		CVP	44,6	0,32	12%	39,2	50	28	26	93
(1) HPLC, LC		44,7	1,7	3,9	16	0							16		
(4) Immunochemical meth.		43,1	1,4	3,2	12	0							12		
Sample B		59,8	2,4	3,9	28		CVP	60,3	0,38	12%	53	67,6	28	26	93
(1) HPLC, LC		60,6	2,7	4,4	16	0							16		
(4) Immunochemical meth.		58,9	2,2	3,7	12	0							12		