

EQA round: KD4/23 - Glycated Haemoglobin

Deadline: 3.11.2023

Setup: groups - measurement principle; 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]				169								169	167	99
Sample A		44,6	1,7	3,8	169		CVP	44,6	0,32	12%	39,2	50	169	167	99
(1) HPLC, LC		44,9	1,5	3,3	141	0							141		
(4) Immunochemical meth.		43,2	1,7	3,9	24	0							24		
Other					4	0							4		
							4x 99								
Sample B		60,3	2	3,3	169		CVP	60,3	0,38	12%	53	67,6	169	167	99
(1) HPLC, LC		60,5	1,9	3,1	141	0							141		
(4) Immunochemical meth.		59,4	2,6	4,3	24	0							24		
Other					4	0							4		
							4x 99								