

EQA round: KD2/24 - Glycated Haemoglobin

Deadline: 5.4.2024

Setup: groups - M (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]				150							150	143	95	
Sample A		59,9	2,6	4,3	150		CVP	59,9	0,52	10%	53,9	65,9	150	143	95
(1) HPLC, LC		59,5	2,4	4	123	0							123		
(4) Immunochemical meth.		64	3,3	5,2	17	0							17		
(99) Another measurement principle		59,5	0,74	1,2	9	0							9		
Other					1	0							1		
							1x 0								
Sample B		43,4	1,9	4,5	150		CVP	43,4	0,39	10%	39	47,8	150	146	97
(1) HPLC, LC		43,2	1,8	4,3	123	0							123		
(4) Immunochemical meth.		45,4	3,2	7	17	0							17		
(99) Another measurement principle		43,5	0,74	1,7	9	0							9		
Other					1	0							1		
							1x 0								