

EQA round: KD2/25 - Glycated Haemoglobin

Deadline: 4.4.2025

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								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(220) Haemoglobin A _{1c}	[mmol/mol]				153							153	148	97	
Sample A		52,9	1,9	3,7	153		CVP	52,9	0,39	asym.	47	59	153	148	97
(1) HPLC, LC		53,2	1,8	3,4	120	2							120		
(2) Capillary electrophoresis		53	0	0	9	0							9		
(4) Immunochemical meth.		51,5	2,5	4,8	23	0							23		
Other					1	0							1		
							1x 99								
Sample B		40,7	1,6	3,9	153		CVP	40,7	0,32	asym.	36	45	153	150	98
(1) HPLC, LC		40,9	1,5	3,7	120	1							120		
(2) Capillary electrophoresis		39,5	0,74	1,9	9	0							9		
(4) Immunochemical meth.		40,1	2	5,1	23	0							23		
Other					1	0							1		
							1x 99								