

EQA round: KD1/24 - Glycated Haemoglobin

Deadline: 26.1.2024

Setup: groups - M (measurement principle); Slovakia; minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U _{AV} = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N _{tot} = total number of the results		N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{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]				25							25	22	88	
Sample A		43,9	2,1	4,7	25		CVP	43,6	0,35	10%	39,2	48	25	24	96
(1) HPLC, LC		43,5	1,7	3,8	15	0							15		
(4) Immunochemical meth.		44,7	2,7	5,9	10	0							10		
Sample B		61,1	2,8	4,6	25		CVP	60,1	0,5	10%	54	66,2	25	22	88
(1) HPLC, LC		59,8	2,4	3,9	15	0							15		
(4) Immunochemical meth.		63,1	2,9	4,6	10	0							10		