

EQA round: KD3/24 - Glycated Haemoglobin

Deadline: 26.7.2024

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								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(220) Haemoglobin A _{1c}	[mmol/mol]				134							134	122	91	
Sample A		73,4	4	5,4	134		CVP	73,4	0,84	10%	66	80,8	134	126	94
(1) HPLC, LC		73,2	3,8	5,2	114	0							114		
(4) Immunochemical meth.		75,6	3,3	4,4	15	0							15		
Other					5	0							5		
							1x 2, 4x 99								
Sample B		32,3	1,9	5,8	134		CVP	32,3	0,39	10%	29	35,6	134	124	93
(1) HPLC, LC		32,3	1,7	5,3	114	0							114		
(4) Immunochemical meth.		32,8	3,4	10	15	0							15		
Other					5	0							5		
							1x 2, 4x 99								