Summary statistics - quantitative results

EQA round: KD4/26 - Glycated Haemoglobin

Deadline: 30.10.2026

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 results
N_{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 assessed
N_{suc} = number of successful results
S_{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]				192								192	186	97
Sample A		61,5	2,4	3,9	192		CVP	61,5	0,42	asym.	55	68	192	189	98
(1) HPLC, LC		62,1	2,2	3,6	138	0							138		
(2) Capillary electrophoresis		59,9	0,94	1,6	20	0							20		
(4) Immunochemical meth.		60,1	2,1	3,5	32	0							32		
Other					2	0							2		
							1x 3, 1x 99								
Sample B		44,7	1,8	4,1	192		CVP	44,7	0,32	asym.	40	50	192	188	98
(1) HPLC, LC		45	1,6	3,6	138	0							138		
(2) Capillary electrophoresis		43,5	0,83	1,9	20	0							20		
(4) Immunochemical meth.		44,2	2,1	4,8	32	0							32		
Other					2	0							2		
							1x 3, 1x 99								