Summary statistics - quantitative results

EQA round: KD1/26 - Glycated Haemoglobin

Deadline: 23.1.2026

Setup: groups - R (manufacturer of kit); 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]				160								160	157	98
Sample A		45,7	2,2	4,8	160		CVP	45,7	0,43	asym.	41	51	160	158	99
(14) Bio-Rad		46,1	2,7	5,8	35	0							35		
(25) TOSOH		46,5	1,5	3,2	52	0							52		
(60) Roche		47,2	2,3	5	15	0							15		
(150) Arkray		44	1,7	3,9	46	0							46		
Other					12	0							12		
							3x 1, 1x 12, 3x 34, 1x 46, 1x 58, 2x 162, 1x 999								
Sample B		58,6	2,8	4,8	160		CVP	58,6	0,55	asym.	52	65	160	157	98
(14) Bio-Rad		60,2	2,9	4,8	35	0							35		
(25) TOSOH		59,9	1,7	2,8	52	0							52		
(60) Roche		59,3	2,2	3,8	15	0							15		
(150) Arkray		55,7	1,8	3,2	46	0							46		
Other					12	0							12		
							3x 1, 1x 12, 3x 34, 1x 46, 1x 58, 2x 162, 1x 999								