Summary statistics - quantitative results

EQA round: KD4/26 - Glycated Haemoglobin

Deadline: 30.10.2026

Setup: groups - S (measuring system); 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
(0) not specified		61,5	2,9	4,6	43	0							43		
(352) Bio-Rad D-10 series		63,4	2,4	3,8	19	0							19		
(355) Bio-Rad Variant series		62,4	0,96	1,5	6	0							6		
(362) ARKRAY HA-8180 series		60,7	1,3	2,2	37	0							37		
(363) ARKRAY HA-8190 series		60,5	2,2	3,7	6	0							6		
(372) SEBIA Capillarys 3		59,7	1	1,7	17	0							17		
(374) Roche cobas c303/503		60,4	1,6	2,7	9	0							9		
(383) TOSOH G11		62,6	2,4	3,8	5	0							5		
(385) TOSOH G8		63,1	1,1	1,7	26	0							26		
Other					24	0							24		
							2x 342, 1x 345, 4x 354, 3x 364, 3x 367, 1x 369, 1x 370, 1x 371, 1x 378, 4x 386, 3x 999								
Sample B		44,7	1,8	4,1	192		CVP	44,7	0,32	asym.	40	50	192	188	98
(0) not specified		44,8	2	4,4	43	0							43		
(352) Bio-Rad D-10 series		45,5	2	4,4	19	0							19		
(355) Bio-Rad Variant series		44,1	1,3	3	6	0							6		
(362) ARKRAY HA-8180 series		44,3	1,2	2,7	37	0							37		
(363) ARKRAY HA-8190 series		44,5	0,74	1,7	6	0							6		
(372) SEBIA Capillarys 3		43,4	0,94	2,2	17	0							17		
(374) Roche cobas c303/503		45,9	2,3	5	9	0							9		
(383) TOSOH G11		45,5	2,2	4,9	5	0							5		
(385) TOSOH G8		45,5	1,2	2,6	26	0							26		
Other					24	0							24		
							2x 342, 1x 345, 4x 354, 3x 364, 3x 367, 1x 369, 1x 370, 1x 371, 1x 378, 4x 386, 3x 999								