Summary statistics - quantitative results

EQA round: KD1/24 - Glycated Haemoglobin

Deadline: 26.1.2024

Setup: groups - M (measurement principle); 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}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(220) Haemoglobin A$_{1c}$ [mmol/mol]				165								165	158	96
Sample A	43,6	1,8	4,2	165		CVP	43,6	0,35	10%	39,2	48	165	161	98
(1) HPLC, LC	43,6	1,7	4	137	0							137		
(4) Immunochemical meth.	44,5	2,6	5,9	22	0							22		
(99) Another measurement principle	42	1,5	3,5	6	0							6		
Sample B	60,1	2,6	4,3	165		CVP	60,1	0,5	10%	54	66,2	165	160	97
(1) HPLC, LC	59,8	2,5	4,2	137	0							137		
(4) Immunochemical meth.	62,5	2,9	4,6	22	0							22		
(99) Another measurement principle	59,5	0,74	1,2	6	0							6		