Summary statistics - quantitative results

EQA round: FC2/23 - Calprotectin in Stool

Deadline: 22.9.2023

Setup: groups - manufacturer of kit; minimal size of the groups n = 5

RoM = robust average	AV = assigned value
SD = standard deviation	CVP = consensus of all participants
CV = coefficient of variation	U_{AV} = expanded uncertainty of the assigned value (k = 2)
N_{tot} = total number of the results	
N_{out} = number of the results removed before calculation	

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}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel} [%]
(223) Calprotectin	[µg/g]				72								72	29	40
Sample A		20	12	58	72		CVP	20	3,6	50%	10	30	72	45	63
(135) OrgenTec		11,7	0,96	8,3	6	1							6		
(164) DiaSorin		5,5	0,74	13	6	0							6		
(166) Thermo Fisher		7	3	42	8	4							8		
(211) INOVA Diagnostics		17	1,5	8,7	6	0							6		
(219) Bühlmann		27,6	5,3	19	26	0							26		
(999) another manufacturer		19,3	11	59	14	3							14		
Other					6	1							6		
							2x 49, 1x 60, 1x 87, 1x 199, 1x 200								
Sample B		493	230	47	72		CVP	493	68	50%	246	740	72	50	69
(135) OrgenTec		990	15	1,5	6	2							6		
(164) DiaSorin		334	17	5,1	6	0							6		
(166) Thermo Fisher		652	330	51	8	0							8		
(211) INOVA Diagnostics		253	58	23	6	0							6		
(219) Bühlmann		543	190	35	26	1							26		
(999) another manufacturer		410	190	47	14	1							14		
Other					6	0							6		
							2x 49, 1x 60, 1x 87, 1x 199, 1x 200								