Summary statistics - quantitative results

EQA round: CRPP1/26 - C-Reactive Protein POCT

Deadline: 23.1.2026

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} [%]
(104) **C-reactive protein**	[mg/L]				66								66	47	71
Sample A		25,2	3,9	16	66		CVP	25,2	1,2	24%	19,1	31,3	66	52	79
(133) BodiTech i-Chroma, AFIAS		50,4	33	65	5	0							5		
(134) Aidian QuikRead go		24,6	3,3	13	53	0							53		
Other					8	0							8		
							1x 0, 1x 130, 1x 132, 1x 136, 4x 999								
Sample B		10,8	2,2	20	66		CVP	10,8	0,66	24%	8,2	13,4	66	53	80
(133) BodiTech i-Chroma, AFIAS		18,3	11	59	5	0							5		
(134) Aidian QuikRead go		10,4	1,8	17	53	0							53		
Other					8	0							8		
							1x 0, 1x 130, 1x 132, 1x 136, 4x 999								