Summary statistics - quantitative results

EQA round: CRPP3/26 - C-Reactive Protein POCT

Deadline: 5.6.2026

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]				227								227	191	84
Sample A		92,3	11	12	227		CVP	92,3	1,7	24%	70,1	115	227	206	91
(130) Aidian QuikRead 101		116	38	33	8	0							8		
(133) BodiTech i-Chroma, AFIAS		92,3	18	20	8	0							8		
(134) Aidian QuikRead go		92,6	10	11	183	0							183		
(135) Abbott Alere Afinion		90,5	2,2	2,5	5	0							5		
Other					23	0							23		
							4x 0, 4x 131, 2x 132, 3x 136, 2x 138, 4x 139, 4x 999								
Sample B		53,7	7,5	14	227		CVP	53,7	1,2	24%	40,8	66,6	227	198	87
(130) Aidian QuikRead 101		68	25	37	8	0							8		
(133) BodiTech i-Chroma, AFIAS		55,9	8,7	16	8	1							8		
(134) Aidian QuikRead go		53,7	6,6	12	183	0							183		
(135) Abbott Alere Afinion		49	5,9	12	5	0							5		
Other					23	0							23		
							4x 0, 4x 131, 2x 132, 3x 136, 2x 138, 4x 139, 4x 999								