Summary statistics - quantitative results

EQA round: CRPP5/26 - C-Reactive Protein POCT

Deadline: 23.10.2026

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} [%]
(104) **C-reactive protein**	[mg/L]				351								351	308	88
Sample A		16,4	2,1	13	351		CVP	16,4	0,28	24%	12,4	20,4	351	313	89
(0) not specified		16	2,5	15	6	1							6		
(130) Aidian QuikRead 101		20,4	7,8	38	11	0							11		
(134) Aidian QuikRead go		16,2	1,8	11	280	1							280		
(138) Roche cobas b 101		14,8	0,82	5,5	7	0							7		
(139) SD Biosensor Standard F200		17,4	0,74	4,3	5	0							5		
(151) BodiTech ichroma		21,8	7,9	36	18	0							18		
(152) BodiTech AFIAS		18,2	1,3	7,2	9	0							9		
(999) another system		16,8	2,1	12	6	0							6		
Other					9	0							9		
							2x 131, 2x 132, 2x 135, 3x 136								
Sample B		29,8	3,2	11	351		CVP	29,8	0,42	24%	22,6	37	351	323	92
(0) not specified		26,5	7	27	6	1							6		
(130) Aidian QuikRead 101		39,9	13	33	11	0							11		
(134) Aidian QuikRead go		29,4	2,9	9,8	280	0							280		
(138) Roche cobas b 101		29,3	1,5	5,1	7	0							7		
(139) SD Biosensor Standard F200		31,9	4,6	14	5	0							5		
(151) BodiTech ichroma		32,4	9	28	18	0							18		
(152) BodiTech AFIAS		32,5	3,5	11	9	0							9		
(999) another system		29,6	1,3	4,3	6	0							6		
Other					9	0							9		
							2x 131, 2x 132, 2x 135, 3x 136								