

EQA round: CRPP3/24 - C-Reactive Protein POCT

Deadline: 7.6.2024

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 resultsN_{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 assessedN_{suc} = number of successful resultsS_{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(104) C-reactive protein	[mg/L]				171							171	140	82	
Sample A		47	6,1	13	171		CVP	47	1,1	24%	35,7	58,3	171	147	86
(130) Aidian QuikRead 101		48,2	5	10	13	0							13		
(131) Axis-Shield NycoCard		40,4	13	32	6	0							6		
(133) BodiTech i-Chroma, AFIAS		109	93	85	7	1							7		
(134) Aidian QuikRead go		46,8	5,7	12	137	0							137		
Other					8	0							8		
								1x 0, 2x 135, 3x 136, 2x 999							
Sample B		30,6	3,7	12	171		CVP	30,6	0,69	24%	23,2	38	171	149	87
(130) Aidian QuikRead 101		31,5	5,7	18	13	0							13		
(131) Axis-Shield NycoCard		28,9	4,6	16	6	0							6		
(133) BodiTech i-Chroma, AFIAS		71,5	60	84	7	0							7		
(134) Aidian QuikRead go		30,4	3,3	11	137	0							137		
Other					8	0							8		
								1x 0, 2x 135, 3x 136, 2x 999							