

EQA round: CRPP6/23 - C-Reactive Protein POCT

Deadline: 8.12.2023

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]				105							105	92	88	
Sample A		58,1	6,8	12	105		CVP	58,1	1,6	24%	44,1	72,1	105	99	94
(130) Aidian QuikRead 101		58,8	6,8	12	13	0							13		
(131) Axis-Shield NycoCard		59,6	2,1	3,5	5	0							5		
(134) Aidian QuikRead go		57,7	6,7	12	78	0							78		
Other					9	0							9		
								1x 132, 3x 133, 2x 135, 3x 136							
Sample B		51,5	5,9	11	105		CVP	51,5	1,4	24%	39,1	63,9	105	96	91
(130) Aidian QuikRead 101		51,4	7	14	13	0							13		
(131) Axis-Shield NycoCard		55,5	6,7	12	5	0							5		
(134) Aidian QuikRead go		51,4	5,5	11	78	0							78		
Other					9	0							9		
								1x 132, 3x 133, 2x 135, 3x 136							