

EQA round: CRP2/23 - C-Reactive Protein

Deadline: 19.5.2023

Setup: groups - measurement principle; 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				
(100) C-reactive protein	[mg/L]				171							171	168	98	
Sample A		26,1	2	7,5	171		CVP	26,1	0,37	24%	19,8	32,4	171	168	98
(2) Immunoturbidimetry		26,1	1,9	7,4	163	0							163		
Other					8	1							8		
							4x 3, 4x 99								
Sample B		55,1	4,5	8,2	171		CVP	55,1	0,84	24%	41,8	68,4	171	169	99
(2) Immunoturbidimetry		55	4,4	8	163	0							163		
Other					8	0							8		
							4x 3, 4x 99								