

EQA round: CRP2/25 - C-Reactive Protein

Deadline: 2.5.2025

Setup: groups - M (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								
							AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel} [%]	
(100) C-reactive protein	[mg/L]				183							183	181	99	
Sample A		25,4	1,6	6,3	183		CVP	25,4	0,29	24%	19,3	31,5	183	182	99
(2) Immunoturbidimetry		25,4	1,6	6,1	176	0							176		
Other					7	0							7		
							2x 0, 2x 3, 3x 99								
Sample B		82,4	5,5	6,6	183		CVP	82,4	0,99	24%	62,6	103	183	181	99
(2) Immunoturbidimetry		82,3	5,3	6,5	176	0							176		
Other					7	0							7		
							2x 0, 2x 3, 3x 99								