

EQA round: CRP2/26 - C-Reactive Protein

Deadline: 1.5.2026

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]				174							174	169	97	
Sample A		89	5,6	6,2	174		CVP	89	1	24%	67,6	111	174	169	97
(2) Immunoturbidimetry		88,9	5,5	6,2	170	0							170		
Other					4	0							4		
							1x 3, 3x 99								
Sample B		52,5	3,1	5,8	174		CVP	52,5	0,57	24%	39,9	65,1	174	169	97
(2) Immunoturbidimetry		52,4	2,9	5,6	170	0							170		
Other					4	0							4		
							1x 3, 3x 99								