

EQA round: CRP1/25 - C-Reactive Protein

Deadline: 21.3.2025

Setup: groups - M (measurement principle); Slovakia; minimal size of the groups n = 5

RoM = robust average

AV = assigned value

D_{max} = acceptable difference

SD = standard deviation

CVP = consensus of all participants

LL = lower limit

CV = coefficient of variation

U_{AV} = expanded uncertainty of the assigned value (k = 2)

UL = upper limit

N_{tot} = total number of the resultsN_{eva} = number of the results assessedN_{out} = number of the results removed before calculationN_{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]				71							71	70	99	
Sample A		10,1	0,59	5,9	71		CVP	10,1	0,1	24%	7,67	12,6	71	70	99
(2) Immunoturbidimetry		10,1	0,59	5,9	70	0							70		
Other					1	0							1		
							1x 3								
Sample B		62,7	5,1	8,2	71		CVP	62	0,63	24%	47,1	76,9	71	71	100
(2) Immunoturbidimetry		62,6	5	8,1	70	0							70		
Other					1	0							1		
							1x 3								