

EQA round: CRP2/25 - C-Reactive Protein

Deadline: 2.5.2025

Setup: groups - M (measurement principle); Slovakia; 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]				38							38	38	100
Sample A												38	38	100
(2) Immunoturbidimetry		24,7	1,8	7,1	38	0	CVP	25,4	0,29	24%	19,3	31,5	38	
Sample B												38	38	100
(2) Immunoturbidimetry		84,3	6,1	7,3	38	0	CVP	82,4	0,99	24%	62,6	103	38	