

EQA round: CRP3/23 - C-Reactive Protein

Deadline: 25.8.2023

Setup: groups - 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					N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}	LL	UL			
(100) C-reactive protein	[mg/L]				56							56	56	100
Sample A												56	56	100
(2) Immunoturbidimetry		17	1,2	7,3	56	0	CVP	17,3	0,22	24%	13,1	21,5	56	
Sample B												56	56	100
(2) Immunoturbidimetry		48,6	4,2	8,7	56	0	CVP	48,2	0,55	24%	36,6	59,8	56	