

EQA round: CRP3/24 - C-Reactive Protein

Deadline: 23.8.2024

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					N _{eva}	N _{suc}	S _{rel} [%]
							AV	U _{AV}	D _{max}	LL	UL			
(100) C-reactive protein	[mg/L]				55							55	54	98
Sample A												55	54	98
(2) Immunoturbidimetry		29,3	1,7	5,9	55	0	CVP	29,9	0,3	24%	22,7	37,1	55	
Sample B												55	55	100
(2) Immunoturbidimetry		8,91	0,62	7	55	0	CVP	9,02	0,11	24%	6,85	11,2	55	