

EQA round: CRP4/24 - C-Reactive Protein

Deadline: 29.11.2024

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]				207							207	205	99	
Sample A		8,89	0,66	7,5	207		CVP	8,89	0,11	24%	6,75	11,1	207	205	99
(2) Immunoturbidimetry		8,87	0,65	7,4	200	0							200		
Other					7	0							7		
							1x 0, 3x 3, 3x 99								
Sample B		39,2	1,9	4,8	207		CVP	39,2	0,32	24%	29,7	48,7	207	206	100
(2) Immunoturbidimetry		39,2	1,8	4,6	200	0							200		
Other					7	0							7		
							1x 0, 3x 3, 3x 99								