

## EQA round: CRP4/23 - C-Reactive Protein

Deadline: 1.12.2023

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N<sub>tot</sub> = total number of the resultsN<sub>out</sub> = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U<sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)D<sub>max</sub> = acceptable difference

LL = lower limit

UL = upper limit

N<sub>eva</sub> = number of the results assessedN<sub>suc</sub> = number of successful resultsS<sub>rel</sub> = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>(100) C-reactive protein</b>	[mg/L]				36							36	36	100	
<b>Sample A</b>		49,8	4,4	8,8	36		CVP	48,1	0,62	24%	36,5	59,7	36	36	100
(2) Immunoturbidimetry		49,7	4,4	8,8	35	0							35		
Other					1	0							1		
							1x 3								
<b>Sample B</b>		25,4	1,7	6,6	36		CVP	26,2	0,35	24%	19,9	32,5	36	36	100
(2) Immunoturbidimetry		25,4	1,7	6,7	35	0							35		
Other					1	0							1		
							1x 3								