

## EQA round: CRP2/24 - C-Reactive Protein

Deadline: 3.5.2024

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

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N<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]				41							41	41	100	
<b>Sample A</b>		39,7	1,8	4,6	41		CVP	39	0,36	24%	29,6	48,4	41	41	100
(2) Immunoturbidimetry		39,7	1,8	4,4	38	0							38		
Other					3	0							3		
							2x 0, 1x 3								
<b>Sample B</b>		46,2	2,5	5,3	41		CVP	45,2	0,44	24%	34,3	56,1	41	41	100
(2) Immunoturbidimetry		46,1	2,5	5,4	38	0							38		
Other					3	0							3		
							2x 0, 1x 3								