

## EQA round: CRPP1/24 - C-Reactive Protein POCT

Deadline: 26.1.2024

Setup: groups - S (measuring system); 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>(104) C-reactive protein</b>	[mg/L]				69							69	59	86	
<b>Sample A</b>		49,5	6,3	13	69		CVP	49,5	1,9	24%	37,6	61,4	69	62	90
(133) BodiTech i-Chroma, AFIAS		70,1	36	51	6	1							6		
(134) Aidian QuikRead go		49,5	6,2	12	52	0							52		
Other					11	1							11		
							4x 130, 2x 131, 1x 132, 1x 135, 3x 999								
<b>Sample B</b>		15,4	2	13	69		CVP	15,4	0,6	24%	11,7	19,1	69	61	88
(133) BodiTech i-Chroma, AFIAS		28,4	19	67	6	1							6		
(134) Aidian QuikRead go		15,1	1,9	13	52	0							52		
Other					11	0							11		
							4x 130, 2x 131, 1x 132, 1x 135, 3x 999								