

## EQA round: CRPP1/25 - C-Reactive Protein POCT

Deadline: 24.1.2025

Setup: groups - S (measuring system); minimal size of the groups n = 5

RoM = robust average

AV = assigned value

D<sub>max</sub> = acceptable difference

SD = standard deviation

CVP = consensus of all participants

LL = lower limit

CV = coefficient of variation

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

UL = upper limit

N<sub>tot</sub> = total number of the resultsN<sub>eva</sub> = number of the results assessedN<sub>out</sub> = number of the results removed before calculationN<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								
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
<b>(104) C-reactive protein</b>	[mg/L]				74							74	65	88	
<b>Sample A</b>		29,9	3,3	11	74		CVP	29,9	0,93	24%	22,7	37,1	74	67	91
(133) BodiTech i-Chroma, AFIAS		48,3	29	59	5	0							5		
(134) Aidian QuikRead go		29,7	2,8	9,3	57	0							57		
Other					12	0							12		
								2x 0, 4x 130, 1x 131, 1x 135, 1x 136, 3x 999							
<b>Sample B</b>		30,3	3,4	11	74		CVP	30,3	0,96	24%	23	37,6	74	67	91
(133) BodiTech i-Chroma, AFIAS		34	7,8	23	5	0							5		
(134) Aidian QuikRead go		30,1	2,9	9,5	57	0							57		
Other					12	0							12		
								2x 0, 4x 130, 1x 131, 1x 135, 1x 136, 3x 999							