

## EQA round: CRPP2/23 - C-Reactive Protein POCT

Deadline: 3.3.2023

Setup: groups - 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 results		N <sub>eva</sub> = number of the results assessed
N <sub>out</sub> = number of the results removed before calculation		N <sub>suc</sub> = number of successful results
		S <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]				321							321	262	82	
<b>Sample A</b>		15,5	1,9	12	321		CVP	15,5	0,26	24%	11,7	19,3	321	281	88
(130) Aidian QuikRead 101		13,6	1,8	13	41	0							41		
(131) Axis-Shield NycoCard		15,5	2,2	14	7	0							7		
(133) BodiTech i-Chroma		19,5	6,2	32	35	0							35		
(134) Aidian QuikRead go		15,4	1,4	8,9	208	0							208		
(135) Abbott Alere Afinion		15	0	0	5	0							5		
(136) Radiometer AQT90 FLEX		17,3	0,44	2,6	8	0							8		
(999) another system		15,6	2,9	19	9	0							9		
Other					8	0							8		
								3x 0, 1x 132, 4x 137							
<b>Sample B</b>		28,6	2,8	9,6	321		CVP	28,6	0,38	24%	21,7	35,5	321	280	87
(130) Aidian QuikRead 101		27,6	2,5	9,2	41	0							41		
(131) Axis-Shield NycoCard		28,1	4,3	15	7	0							7		
(133) BodiTech i-Chroma		31,9	20	62	35	0							35		
(134) Aidian QuikRead go		28,6	2,1	7,3	208	0							208		
(135) Abbott Alere Afinion		28,5	0,74	2,6	5	0							5		
(136) Radiometer AQT90 FLEX		30,5	2,2	7,3	8	0							8		
(999) another system		29,9	4,3	14	9	0							9		
Other					8	0							8		
								3x 0, 1x 132, 4x 137							