

## EQA round: CRPP5/23 - C-Reactive Protein POCT

Deadline: 20.10.2023

Setup: groups - 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								
							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]				308							308	267	87	
<b>Sample A</b>		51,2	5,9	12	308		CVP	51,2	0,83	24%	38,9	63,5	308	277	90
(130) Aidian QuikRead 101		51,5	5	9,8	28	0							28		
(131) Axis-Shield NycoCard		38,5	17	44	6	0							6		
(133) BodiTech i-Chroma, AFIAS		61,2	23	37	24	0							24		
(134) Aidian QuikRead go		51,1	5,3	10	228	0							228		
(999) another system		50,1	11	23	11	0							11		
Other					11	0							11		
							4x 0, 4x 135, 3x 136								
<b>Sample B</b>		58,1	6,1	10	308		CVP	58,1	0,85	24%	44,1	72,1	308	277	90
(130) Aidian QuikRead 101		58,4	4,3	7,3	28	0							28		
(131) Axis-Shield NycoCard		38,9	15	38	6	0							6		
(133) BodiTech i-Chroma, AFIAS		64,2	14	21	24	2							24		
(134) Aidian QuikRead go		58,2	5,4	9,3	228	0							228		
(999) another system		53,3	11	21	11	0							11		
Other					11	0							11		
							4x 0, 4x 135, 3x 136								