

## EQA round: CRPP6/24 - C-Reactive Protein POCT

Deadline: 6.12.2024

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]				130							130	105	81	
<b>Sample A</b>		47,1	5,9	12	130		CVP	47,1	1,3	24%	35,7	58,5	130	111	85
(130) Aidian QuikRead 101		46,1	5,5	12	11	0							11		
(131) Axis-Shield NycoCard		47,2	17	37	7	0							7		
(134) Aidian QuikRead go		47,2	5,5	12	99	0							99		
Other					13	0							13		
								2x 132, 3x 133, 2x 135, 3x 136, 3x 999							
<b>Sample B</b>		40,3	4,8	12	130		CVP	40,3	1	24%	30,6	50	130	116	89
(130) Aidian QuikRead 101		40,5	3,4	8,4	11	0							11		
(131) Axis-Shield NycoCard		37,9	9	24	7	0							7		
(134) Aidian QuikRead go		40	4,5	11	99	0							99		
Other					13	0							13		
								2x 132, 3x 133, 2x 135, 3x 136, 3x 999							