

## Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

## EQA round: CRP2/22 - C-Reactive Protein

Deadline: 20.05.2022

RoM = robust average	AV = assigned value	Dmax = acceptable percent difference
SD = standard deviation	CRV = certified reference value	LL = lower limit
CV = coefficient of variation	RV = reference value	UL = upper limit
Ntot = total number of the participants	CVE = consensus value from experts	Neva = number of evaluated participants
Nout = number of results excluded before calculation	CVP = consensus value from all participants	Nsuc = number of successful participants
	CVPG = consensus value from participants groups	Srel = success (relative)
	U <sub>AV</sub> = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability													
		RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL	N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub>	
<b>(100) C-reactive protein</b>					157						157	156	99%		
--- Samples and groups ---	[mg/L]														
<b>Sample A</b>		18,4	1,4	7,3	157	CVP	18,4	0,26	24%	13,9	22,9	157	157	100%	
(1) Abbott		19,2	0,51	2,6	48	0						48			
(58) Beckman Coulter (AU)		17,8	0,94	5,3	19	0						19			
(60) Roche		17,5	0,67	3,9	52	0						52			
(162) Siemens (Atellica)		21,2	0,44	2,1	7	0						7			
(177) Mindray		18,6	1,6	8,8	5	0						5			
(179) Siemens		19,7	2,0	9,9	10	0						10			
Other					16	0						16			
							4x 12, 1x 40, 1x 50, 1x 61, 3x 149, 3x 166, 1x 200, 2x 999								
<b>Sample B</b>		63,4	3,9	6,1	157	CVP	63,4	0,76	24%	48,1	78,7	157	156	99%	
(1) Abbott		64,2	1,8	2,8	48	0						48			
(58) Beckman Coulter (AU)		70,6	2,8	4,0	19	0						19			
(60) Roche		60,6	2,7	4,5	52	0						52			
(162) Siemens (Atellica)		63,2	2,0	3,2	7	0						7			
(177) Mindray		63,8	4,3	6,7	5	0						5			
(179) Siemens		63,4	1,7	2,7	10	0						10			
Other					16	0						16			
							4x 12, 1x 40, 1x 50, 1x 61, 3x 149, 3x 166, 1x 200, 2x 999								

st\_kn\_p

End of report

Printed: 25.05.2022