

## Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

## EQA round: CRP4/21 - C-Reactive Protein

Deadline: 03.12.2021

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>					171						171	169	99%		
----- Samples and groups -----	[mg/L]														
<b>Sample A</b>		59,2	4,5	7,5	171	CVP	59,2	0,84	24%	44,9	73,5	171	169	99%	
(1) Abbott		60,0	2,4	4,0	45	0						45			
(58) Beckman Coulter (AU)		66,0	1,7	2,6	24	0						24			
(60) Roche		56,3	2,8	5,1	59	0						59			
(149) Siemens (Dade, BN, Dimension)		60,1	2,1	3,5	6	0						6			
(162) Siemens (Atellica)		58,3	0,74	1,3	5	0						5			
(166) Thermo Fisher		55,5	6,4	12	5	0						5			
(177) Mindray		59,6	3,9	6,5	6	0						6			
(179) Siemens		58,8	1,3	2,1	11	0						11			
Other					10	0						10			
							3x 12, 1x 40, 1x 57, 1x 61, 1x 178, 1x 200, 2x 999								
<b>Sample B</b>		29,1	2,1	7,1	171	CVP	29,1	0,39	24%	22,1	36,1	171	170	99%	
(1) Abbott		30,8	0,70	2,3	45	0						45			
(58) Beckman Coulter (AU)		27,5	1,1	4,0	24	0						24			
(60) Roche		27,9	1,5	5,2	59	0						59			
(149) Siemens (Dade, BN, Dimension)		29,7	0,86	2,9	6	0						6			
(162) Siemens (Atellica)		31,2	0,300	0,95	5	0						5			
(166) Thermo Fisher		29,6	1,5	5,0	5	0						5			
(177) Mindray		30,8	2,5	8,2	6	0						6			
(179) Siemens		30,1	2,0	6,5	11	0						11			
Other					10	0						10			
							3x 12, 1x 40, 1x 57, 1x 61, 1x 178, 1x 200, 2x 999								

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End of report

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