

## Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

## EQA round: CRP4/20 - C-Reactive Protein

Deadline: 04.12.2020

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>					169							169	167	99%
----- Samples and groups -----	[mg/L]													
<b>Sample A</b>		36,5	2,0	5,4	169	CVP	36,5	0,37	24%	27,7	45,3	169	168	99%
(1) Abbott		37,6	0,96	2,6	35	0						35		
(12) Beckman Coulter		36,9	2,4	6,5	8	0						8		
(49) BioVendor		36,3	2,9	8,0	8	0						8		
(58) Beckman Coulter (AU)		37,2	1,4	3,7	36	0						36		
(60) Roche		35,0	2,1	6,0	48	0						48		
(149) Siemens (BN, Dimension)		34,0	5,1	15	7	0						7		
(177) MINDRAY		35,0	1,9	5,4	5	0						5		
(179) Siemens		38,0	0,69	1,8	10	0						10		
Other					12	0						12		
							1x 5, 1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 152, 1x 166, 3x 178, 1x 200					169	167	99%
<b>Sample B</b>		56,8	4,7	8,3	169	CVP	56,8	0,88	24%	43,1	70,5	169	167	99%
(1) Abbott		58,0	1,5	2,6	35	0						35		
(12) Beckman Coulter		62,4	2,5	4,0	8	0						8		
(49) BioVendor		56,0	3,0	5,3	8	0						8		
(58) Beckman Coulter (AU)		61,4	2,9	4,7	36	0						36		
(60) Roche		53,4	3,8	7,1	48	0						48		
(149) Siemens (BN, Dimension)		51,8	5,9	11	7	0						7		
(177) MINDRAY		52,0	5,0	9,6	5	0						5		
(179) Siemens		56,2	1,3	2,3	10	0						10		
Other					12	0						12		
							1x 5, 1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 152, 1x 166, 3x 178, 1x 200					169	167	99%

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End of report

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