

## Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

## EQA round: CRP3/19 - C-Reactive Protein

Dead line: 30.08.2019

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 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					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>					270							270	265	98%
Samples and groups	[mg/L]													
<b>Sample A</b>		39,7	3,2	8,0	270	CVP	39,7	0,47	24%	30,1	49,3	270	266	99%
(1) Abbott		41,6	1,2	3,0	43	0						43		
(12) Beckman Coulter		40,4	2,6	6,5	14	0						14		
(58) Beckman Coulter (AU)		41,7	1,6	3,9	62	0						62		
(60) Roche		37,0	1,9	5,1	81	0						81		
(149) Siemens (BN, Dimension)		38,1	2,8	7,4	22	0						22		
(166) Thermo Fisher		39,1	7,5	19	6	0						6		
(177) MINDRAY		38,5	2,9	7,5	10	0						10		
(179) Siemens		42,0	0,94	2,2	23	0						23		
Other					9	1						9		
							2x 4, 1x 36, 2x 50, 1x 57, 2x 61, 1x 91							
<b>Sample B</b>		63,3	6,1	9,6	270	CVP	63,3	0,90	24%	48,1	78,5	270	268	99%
(1) Abbott		65,0	2,6	4,0	43	0						43		
(12) Beckman Coulter		68,9	5,7	8,3	14	0						14		
(58) Beckman Coulter (AU)		68,8	2,9	4,2	62	0						62		
(60) Roche		57,7	3,9	6,8	81	0						81		
(149) Siemens (BN, Dimension)		60,6	3,4	5,6	22	0						22		
(166) Thermo Fisher		62,0	8,9	14	6	0						6		
(177) MINDRAY		60,4	4,0	6,6	10	0						10		
(179) Siemens		64,8	2,2	3,3	23	0						23		
Other					9	0						9		
							2x 4, 1x 36, 2x 50, 1x 57, 2x 61, 1x 91							

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End of report

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