

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: CRP1/19 - C-Reactive Protein

Dead line: 22.02.2019

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 _{AV} = expanded uncertainty of the assigned value (k = 2)	

Test	[unit]	Comparability					Comparability								
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(100) C-reactive protein					304							304	295	97%	
Samples and groups	[mg/L]														
Sample A		17,3	1,3	7,6	304	CVP	17,3	0,19	24%	13,1	21,5	304	296	97%	
(1) Abbott		18,0	0,73	4,0	41	0						41			
(12) Beckman Coulter		16,9	0,71	4,2	16	0						16			
(58) Beckman Coulter (Olympus)		16,9	0,59	3,5	66	0						66			
(60) Roche		16,8	1,2	7,1	100	0						100			
(149) Siemens (Dade)		17,0	1,0	6,0	23	0						23			
(166) Thermo Fisher		19,1	2,8	15	8	0						8			
(177) MINDRAY		16,6	1,8	11	10	0						10			
(179) Siemens (Bayer)		19,6	0,78	4,0	27	0						27			
Other					13	0						13			
							1x 0, 2x 4, 1x 36, 2x 50, 1x 57, 2x 61, 1x 91, 1x 178, 1x 200, 1x 999								
Sample B		28,8	1,9	6,5	304	CVP	28,8	0,26	24%	21,8	35,8	304	301	99%	
(1) Abbott		30,1	0,95	3,1	41	0						41			
(12) Beckman Coulter		27,9	1,5	5,6	16	0						16			
(58) Beckman Coulter (Olympus)		27,6	0,94	3,4	66	0						66			
(60) Roche		28,9	1,5	5,3	100	0						100			
(149) Siemens (Dade)		27,0	1,4	5,1	23	0						23			
(166) Thermo Fisher		30,8	4,7	15	8	0						8			
(177) MINDRAY		29,0	1,5	5,1	10	0						10			
(179) Siemens (Bayer)		30,8	1,0	3,3	27	0						27			
Other					13	0						13			
							1x 0, 2x 4, 1x 36, 2x 50, 1x 57, 2x 61, 1x 91, 1x 178, 1x 200, 1x 999								

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End of report

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