

Summary statistics - quantitative results

(Groups: manufacturer of kit)

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												
		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	0,65	3,6	33							33		
(12) Beckman Coulter		16,9	0,77	4,5	17							17		
(46) Erba Lachema		21,2	1,9	8,8	5							5		
(49) BioVendor		20,2	3,2	16	11							11		
(58) Beckman Coulter (Olympus)		16,9	0,58	3,4	65							65		
(60) Roche		16,8	1,2	7,0	99							99		
(149) Siemens (Dade)		17,0	1,0	6,0	23							23		
(177) MINDRAY		15,5	0,67	4,3	6							6		
(179) Siemens (Bayer)		19,8	0,39	2,0	19							19		
Other					26							26		
							2x 5, 1x 36, 1x 57, 2x 61, 2x 70, 1x 91, 3x 116, 2x 121, 2x 152, 2x 158, 2x 166, 4x 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		30,2	0,51	1,7	33							33		
(12) Beckman Coulter		27,9	1,5	5,3	17							17		
(46) Erba Lachema		33,5	1,3	3,8	5							5		
(49) BioVendor		31,1	2,7	8,7	11							11		
(58) Beckman Coulter (Olympus)		27,6	0,88	3,2	65							65		
(60) Roche		28,8	1,5	5,3	99							99		
(149) Siemens (Dade)		27,0	1,4	5,1	23							23		
(177) MINDRAY		28,3	1,3	4,4	6							6		
(179) Siemens (Bayer)		31,0	0,60	1,9	19							19		
Other					26							26		
							2x 5, 1x 36, 1x 57, 2x 61, 2x 70, 1x 91, 3x 116, 2x 121, 2x 152, 2x 158, 2x 166, 4x 178, 1x 200, 1x 999							

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End of report

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