

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: CRP4/19 - C-Reactive Protein

Dead line: 06.12.2019

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					162							162	159	98%	
Samples and groups	[mg/L]														
Sample A		30,6	1,7	5,6	162	CVP	30,6	0,33	24%	23,2	38	162	160	99%	
(1) Abbott		31,6	0,79	2,5	28	0						28			
(12) Beckman Coulter		28,7	1,9	6,7	8	0						8			
(58) Beckman Coulter (AU)		29,4	0,83	2,8	41	0						41			
(60) Roche		30,9	1,7	5,6	46	0						46			
(149) Siemens (BN, Dimension)		29,9	0,31	1,0	5	0						5			
(179) Siemens		31,8	0,90	2,8	16	0						16			
Other					18	0						18			
							1x 4, 1x 40, 1x 46, 3x 57, 1x 61, 3x 166, 3x 177, 1x 178, 1x 200, 3x 999								
Sample B		78,2	4,8	6,2	162	CVP	78,2	0,93	24%	59,4	97	162	160	99%	
(1) Abbott		77,1	3,0	3,9	28	0						28			
(12) Beckman Coulter		81,0	5,5	6,8	8	0						8			
(58) Beckman Coulter (AU)		82,0	3,1	3,8	41	0						41			
(60) Roche		76,6	5,1	6,7	46	0						46			
(149) Siemens (BN, Dimension)		76,2	1,4	1,8	5	0						5			
(179) Siemens		77,7	2,3	3,0	16	0						16			
Other					18	0						18			
							1x 4, 1x 40, 1x 46, 3x 57, 1x 61, 3x 166, 3x 177, 1x 178, 1x 200, 3x 999								

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End of report

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