

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: CRP3/17 - C-Reactive Protein

Dead line: 15.09.2017

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					307							307	305	99%	
Samples and groups	[mg/L]														
Sample A		77,8	6,9	8,9	307	CVP	77,8	0,96	24%	59,1	96,5	307	305	99%	
(1) Abbott		77,8	5,3	6,8	38	0						38			
(12) Beckman Coulter		81,2	3,7	4,5	21	0						21			
(58) Beckman Coulter (Olympus)		84,4	3,7	4,4	65	0						65			
(60) Roche		72,5	3,6	4,9	97	0						97			
(149) Siemens (Dade)		75,1	3,2	4,3	20	0						20			
(166) Thermo		76,1	11	15	8	0						8			
(177) MINDRAY		75,3	8,3	11	8	0						8			
(179) Siemens (Bayer)		80,5	3,9	4,8	36	0						36			
Other					14	0						14			
							3x 4, 1x 36, 1x 40, 2x 50, 2x 57, 1x 61, 4x 999								
Sample B		43,8	3,7	8,5	307	CVP	43,8	0,52	24%	33,2	54,4	307	306	100%	
(1) Abbott		44,9	2,6	5,7	38	0						38			
(12) Beckman Coulter		45,3	2,4	5,2	21	0						21			
(58) Beckman Coulter (Olympus)		47,1	2,0	4,2	65	0						65			
(60) Roche		41,0	2,4	5,8	97	0						97			
(149) Siemens (Dade)		41,3	2,2	5,4	20	0						20			
(166) Thermo		42,2	5,7	14	8	0						8			
(177) MINDRAY		40,6	4,3	11	8	0						8			
(179) Siemens (Bayer)		45,4	1,9	4,2	36	0						36			
Other					14	0						14			
							3x 4, 1x 36, 1x 40, 2x 50, 2x 57, 1x 61, 4x 999								

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End of report

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