

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: CRP3/18 - C-Reactive Protein

Dead line: 31.08.2018

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					267							267	260	97%
Samples and groups	[mg/L]													
Sample A		7,97	0,86	11	267	CVP	7,97	0,13	24%	6,05	9,89	267	260	97%
(1) Abbott		8,06	0,41	5,1	39	0						39		
(12) Beckman Coulter		8,55	0,71	8,3	14	0						14		
(58) Beckman Coulter (Olympus)		8,49	0,34	4,0	63	0						63		
(60) Roche		7,31	0,68	9,3	84	0						84		
(149) Siemens (Dade)		8,09	0,71	8,8	22	0						22		
(166) Thermo		7,50	0,74	9,9	7	0						7		
(177) MINDRAY		8,16	0,082	1,0	9	0						9		
(179) Siemens (Bayer)		8,63	0,70	8,1	22	0						22		
Other					7	0						7		
							3x 4, 1x 36, 1x 50, 1x 91, 1x 178							
Sample B		35,6	2,5	7,1	267	CVP	35,6	0,38	24%	27	44,2	267	265	99%
(1) Abbott		37,2	1,4	3,7	39	0						39		
(12) Beckman Coulter		35,8	2,2	6,3	14	0						14		
(58) Beckman Coulter (Olympus)		36,5	1,1	2,9	63	0						63		
(60) Roche		33,8	2,3	6,8	84	0						84		
(149) Siemens (Dade)		35,0	2,1	6,1	22	0						22		
(166) Thermo		35,3	4,1	12	7	0						7		
(177) MINDRAY		34,8	1,2	3,4	9	0						9		
(179) Siemens (Bayer)		38,4	1,9	4,9	22	0						22		
Other					7	0						7		
							3x 4, 1x 36, 1x 50, 1x 91, 1x 178							

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End of report

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