

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of groups n = 5

EQA round: CRP1/18 - C-Reactive Protein

Dead line: 23.02.2018

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					290							290	281	97%
Samples and groups	[mg/L]													
Sample A		17,6	1,5	8,6	290	CVP	17,6	0,22	24%	13,3	21,9	290	284	98%
(1) Abbott		18,4	0,63	3,4	36							36		
(12) Beckman Coulter		17,2	0,98	5,7	22							22		
(58) Beckman Coulter (Olympus)		17,6	0,76	4,3	61							61		
(60) Roche		16,5	1,3	8,2	95							95		
(149) Siemens (Dade)		17,6	1,1	6,0	22							22		
(166) Thermo		17,5	0,73	4,2	10							10		
(177) MINDRAY		18,9	0,68	3,6	9							9		
(179) Siemens (Bayer)		20,3	1,0	4,9	24							24		
Other					11							11		
						3x 4, 1x 36, 1x 50, 2x 57, 1x 61, 1x 91, 2x 999								
Sample B		52,5	5,1	9,7	290	CVP	52,5	0,73	24%	39,9	65,1	290	285	98%
(1) Abbott		53,2	2,3	4,4	36							36		
(12) Beckman Coulter		57,2	4,8	8,4	22							22		
(58) Beckman Coulter (Olympus)		56,8	2,8	4,9	61							61		
(60) Roche		47,9	2,5	5,3	95							95		
(149) Siemens (Dade)		51,8	2,4	4,6	22							22		
(166) Thermo		52,5	5,9	11	10							10		
(177) MINDRAY		54,2	5,6	10	9							9		
(179) Siemens (Bayer)		54,4	1,2	2,3	24							24		
Other					11							11		
						3x 4, 1x 36, 1x 50, 2x 57, 1x 61, 1x 91, 2x 999								

st_kn_p

End of report

Printed: 27.02.2018