

Summary statistics - quantitative results

(Groups: manufacturer of kit)

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		18,5	0,51	2,7	31	0						31		
(12) Beckman Coulter		17,2	0,98	5,7	22	0						22		
(46) Erba Lachema		18,2	2,4	13	6	0						6		
(49) BioVendor		17,7	2,0	11	13	0						13		
(58) Beckman Coulter (Olympus)		17,6	0,70	4,0	57	0						57		
(60) Roche		16,5	1,3	8,1	92	0						92		
(149) Siemens (Dade)		17,6	1,1	6,0	22	0						22		
(177) MINDRAY		18,7	1,1	6,0	5	0						5		
(178) DiaSys		18,9	1,7	9,0	6	0						6		
(179) Siemens (Bayer)		20,6	0,60	2,9	18	0						18		
Other					18	0						18		
							1x 36, 2x 57, 1x 61, 3x 70, 1x 75, 1x 91, 1x 116, 1x 121, 3x 152, 2x 158, 2x 166							
Sample B		52,5	5,1	9,7	290	CVP	52,5	0,73	24%	39,9	65,1	290	285	98%
(1) Abbott		53,7	1,8	3,4	31	0						31		
(12) Beckman Coulter		57,1	4,9	8,5	22	0						22		
(46) Erba Lachema		54,2	5,5	10	6	0						6		
(49) BioVendor		54,4	3,8	7,1	13	0						13		
(58) Beckman Coulter (Olympus)		56,9	2,8	4,9	57	0						57		
(60) Roche		47,9	2,4	5,1	92	0						92		
(149) Siemens (Dade)		51,8	2,4	4,6	22	0						22		
(177) MINDRAY		50,0	1,9	3,7	5	0						5		
(178) DiaSys		56,5	2,3	4,1	6	0						6		
(179) Siemens (Bayer)		54,0	0,81	1,5	18	0						18		
Other					18	0						18		
							1x 36, 2x 57, 1x 61, 3x 70, 1x 75, 1x 91, 1x 116, 1x 121, 3x 152, 2x 158, 2x 166							

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End of report

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