

Summary statistics - quantitative results

(Groups: manufacturer of kit)

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		8,15	0,30	3,7	33	0						33		
(12) Beckman Coulter		8,48	0,65	7,7	13	0						13		
(46) Erba Lachema		7,95	0,074	0,93	5	0						5		
(49) BioVendor		6,50	2,2	34	8	0						8		
(58) Beckman Coulter (Olympus)		8,46	0,31	3,6	61	0						61		
(60) Roche		7,31	0,69	9,4	83	0						83		
(149) Siemens (Dade)		8,09	0,71	8,8	22	0						22		
(177) MINDRAY		8,20	0,00	0,00	5	0						5		
(178) DiaSys		6,90	0,30	4,3	5	0						5		
(179) Siemens (Bayer)		8,95	0,32	3,6	17	0						17		
Other					15	0						15		
							1x 5, 1x 36, 3x 70, 1x 91, 1x 116, 1x 121, 3x 152, 2x 158, 2x 166							
Sample B		35,6	2,5	7,1	267	CVP	35,6	0,38	24%	27	44,2	267	265	99%
(1) Abbott		37,5	0,99	2,6	33	0						33		
(12) Beckman Coulter		35,5	1,9	5,4	13	0						13		
(46) Erba Lachema		34,7	1,5	4,3	5	0						5		
(49) BioVendor		36,7	3,4	9,3	8	0						8		
(58) Beckman Coulter (Olympus)		36,5	1,1	2,9	61	0						61		
(60) Roche		33,9	2,3	6,7	83	0						83		
(149) Siemens (Dade)		35,0	2,1	6,1	22	0						22		
(177) MINDRAY		34,2	0,74	2,2	5	0						5		
(178) DiaSys		38,5	1,6	4,0	5	0						5		
(179) Siemens (Bayer)		38,6	1,3	3,4	17	0						17		
Other					15	0						15		
							1x 5, 1x 36, 3x 70, 1x 91, 1x 116, 1x 121, 3x 152, 2x 158, 2x 166							

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End of report

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