

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: CRP3/19 - C-Reactive Protein

Dead line: 30.08.2019

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												
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
(100) C-reactive protein					270							270	265	98%
Samples and groups	[mg/L]													
Sample A		39,7	3,2	8,0	270	CVP	39,7	0,47	24%	30,1	49,3	270	266	99%
(1) Abbott		41,6	0,89	2,1	37	0						37		
(12) Beckman Coulter		40,3	2,8	7,0	15	0						15		
(46) Erba Lachema		41,0	2,7	6,5	5	0						5		
(49) BioVendor		39,6	3,9	9,9	8	0						8		
(58) Beckman Coulter (AU)		41,7	1,6	3,9	59	0						59		
(60) Roche		37,0	1,9	5,1	81	0						81		
(149) Siemens (BN, Dimension)		38,1	2,8	7,4	22	0						22		
(177) MINDRAY		36,6	1,2	3,2	5	0						5		
(179) Siemens		41,9	1,0	2,5	17	0						17		
Other					21	1						21		
							1x 5, 1x 36, 1x 57, 2x 61, 3x 70, 1x 91, 2x 116, 2x 121, 2x 152, 2x 158, 4x 178							
Sample B		63,3	6,1	9,6	270	CVP	63,3	0,90	24%	48,1	78,5	270	268	99%
(1) Abbott		65,2	2,3	3,5	37	0						37		
(12) Beckman Coulter		68,9	5,7	8,2	15	0						15		
(46) Erba Lachema		62,1	2,1	3,5	5	0						5		
(49) BioVendor		64,1	4,5	7,1	8	0						8		
(58) Beckman Coulter (AU)		69,0	2,8	4,0	59	0						59		
(60) Roche		57,7	3,9	6,8	81	0						81		
(149) Siemens (BN, Dimension)		60,6	3,4	5,6	22	0						22		
(177) MINDRAY		58,2	1,7	2,9	5	0						5		
(179) Siemens		64,2	2,0	3,1	17	0						17		
Other					21	0						21		
							1x 5, 1x 36, 1x 57, 2x 61, 3x 70, 1x 91, 2x 116, 2x 121, 2x 152, 2x 158, 4x 178							

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End of report

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