

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CRP2/22 - C-Reactive Protein

Deadline: 20.05.2022

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 the 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					157							157	156	99%
----- Samples and groups -----	[mg/L]													
Sample A		18,4	1,4	7,3	157	CVP	18,4	0,26	24%	13,9	22,9	157	157	100%
(1) Abbott		19,2	0,50	2,6	46	0						46		
(12) Beckman Coulter		18,0	1,6	8,7	5	0						5		
(49) BioVendor		18,3	1,5	8,1	6	0						6		
(58) Beckman Coulter (AU)		17,7	0,94	5,3	18	0						18		
(60) Roche		17,5	0,67	3,9	52	0						52		
(162) Siemens (Atellica)		21,3	0,37	1,7	6	0						6		
(177) Mindray		18,6	1,6	8,8	5	0						5		
(179) Siemens		21,0	0,150	7,1	5	0						5		
Other					14	0						14		
							1x 40, 1x 61, 2x 70, 1x 116, 3x 149, 1x 152, 1x 166, 3x 178, 1x 200							
Sample B		63,4	3,9	6,1	157	CVP	63,4	0,76	24%	48,1	78,7	157	156	99%
(1) Abbott		64,2	1,8	2,7	46	0						46		
(12) Beckman Coulter		73,5	4,2	5,6	5	0						5		
(49) BioVendor		62,2	7,9	13	6	0						6		
(58) Beckman Coulter (AU)		70,6	3,0	4,2	18	0						18		
(60) Roche		60,6	2,7	4,5	52	0						52		
(162) Siemens (Atellica)		63,2	1,9	3,0	6	0						6		
(177) Mindray		63,8	4,3	6,7	5	0						5		
(179) Siemens		62,8	1,2	1,9	5	0						5		
Other					14	0						14		
							1x 40, 1x 61, 2x 70, 1x 116, 3x 149, 1x 152, 1x 166, 3x 178, 1x 200							

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End of report

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