

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CRP4/21 - C-Reactive Protein

Deadline: 03.12.2021

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					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					171						171	169	99%	
----- Samples and groups -----	[mg/L]													
Sample A		59,2	4,5	7,5	171	CVP	59,2	0,84	24%	44,9	73,5	171	169	99%
(1) Abbott		60,1	2,3	3,9	44	0						44		
(49) BioVendor		55,7	6,7	12	8	0						8		
(58) Beckman Coulter (AU)		66,0	1,7	2,6	23	0						23		
(60) Roche		56,3	2,8	5,1	59	0						59		
(149) Siemens (Dade, BN, Dimension)		60,1	2,1	3,5	6	0						6		
(177) Mindray		58,2	1,7	2,9	5	0						5		
(179) Siemens		58,7	0,44	0,76	6	0						6		
Other					20	0						20		
-----							1x 5, 4x 12, 1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 152, 4x 162, 1x 166, 3x 178, 1x 200							
Sample B		29,1	2,1	7,1	171	CVP	29,1	0,39	24%	22,1	36,1	171	170	99%
(1) Abbott		30,7	0,67	2,2	44	0						44		
(49) BioVendor		27,8	2,6	9,3	8	0						8		
(58) Beckman Coulter (AU)		27,6	1,1	3,9	23	0						23		
(60) Roche		27,9	1,5	5,2	59	0						59		
(149) Siemens (Dade, BN, Dimension)		29,7	0,86	2,9	6	0						6		
(177) Mindray		31,0	2,3	7,4	5	0						5		
(179) Siemens		31,4	0,22	0,71	6	0						6		
Other					20	0						20		
-----							1x 5, 4x 12, 1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 152, 4x 162, 1x 166, 3x 178, 1x 200							

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End of report

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