

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CRP4/22 - C-Reactive Protein

Deadline: 02.12.2022

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					181							181	177	98%	
--- Samples and groups ---	[mg/L]														
Sample A		35,8	1,9	5,4	181	CVP	35,8	0,35	24%	27,2	44,4	181	177	98%	
(1) Abbott		37,0	1,1	3,1	50	0						50			
(12) Beckman Coulter		35,6	0,59	1,7	5	0						5			
(58) Beckman Coulter (AU)		36,7	1,7	4,7	22	0						22			
(60) Roche		34,3	1,1	3,3	63	0						63			
(149) Siemens (Dade, BN, Dimension)		36,0	1,3	3,5	5	0						5			
(162) Siemens (Atellica)		37,5	0,59	1,6	9	0						9			
(177) Mindray		36,2	0,44	1,2	5	0						5			
(179) Siemens		36,4	1,8	5,0	10	0						10			
Other					12	0						12			
							1x 40, 1x 50, 1x 61, 4x 166, 1x 178, 1x 200, 3x 999								
Sample B		63,7	4,5	7,1	181	CVP	63,7	0,82	24%	48,4	79	181	178	98%	
(1) Abbott		64,5	2,9	4,5	50	0						50			
(12) Beckman Coulter		71,8	2,7	3,8	5	0						5			
(58) Beckman Coulter (AU)		71,9	2,6	3,6	22	0						22			
(60) Roche		60,6	2,1	3,4	63	0						63			
(149) Siemens (Dade, BN, Dimension)		64,1	0,47	0,73	5	0						5			
(162) Siemens (Atellica)		64,2	1,2	1,8	9	0						9			
(177) Mindray		62,2	1,8	2,9	5	0						5			
(179) Siemens		63,9	1,4	2,2	10	0						10			
Other					12	0						12			
							1x 40, 1x 50, 1x 61, 4x 166, 1x 178, 1x 200, 3x 999								

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End of report

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