

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CRP4/20 - C-Reactive Protein

Deadline: 04.12.2020

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					169							169	167	99%	
----- Samples and groups -----	[mg/L]														
Sample A		36,5	2,0	5,4	169	CVP	36,5	0,37	24%	27,7	45,3	169	168	99%	
(1) Abbott		37,6	0,95	2,5	36	0						36			
(12) Beckman Coulter		36,9	2,4	6,5	7	0						7			
(58) Beckman Coulter (AU)		37,2	1,3	3,6	37	0						37			
(60) Roche		35,0	2,1	5,9	49	0						49			
(149) Siemens (BN, Dimension)		34,0	5,1	15	7	0						7			
(177) MINDRAY		35,0	1,9	5,4	5	0						5			
(179) Siemens		37,5	1,2	3,1	16	0						16			
Other					12	0						12			
-----							1x 40, 1x 46, 1x 57, 1x 61, 4x 166, 1x 178, 1x 200, 2x 999								
Sample B		56,8	4,7	8,3	169	CVP	56,8	0,88	24%	43,1	70,5	169	167	99%	
(1) Abbott		57,9	1,6	2,8	36	0						36			
(12) Beckman Coulter		62,4	2,5	4,0	7	0						7			
(58) Beckman Coulter (AU)		61,4	2,8	4,5	37	0						37			
(60) Roche		53,5	3,8	7,0	49	0						49			
(149) Siemens (BN, Dimension)		51,8	5,9	11	7	0						7			
(177) MINDRAY		52,0	5,0	9,6	5	0						5			
(179) Siemens		56,2	1,5	2,7	16	0						16			
Other					12	0						12			
-----							1x 40, 1x 46, 1x 57, 1x 61, 4x 166, 1x 178, 1x 200, 2x 999								

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End of report

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