

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CRP3/20 - C-Reactive Protein

Deadline: 21.08.2020

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					268							268	265	99%
----- Samples and groups -----	[mg/L]													
Sample A		23,4	2,0	8,7	268	CVP	23,4	0,31	24%	17,7	29,1	268	265	99%
(1) Abbott		25,0	0,73	2,9	42							42		
(12) Beckman Coulter		22,2	1,4	6,3	10							10		
(58) Beckman Coulter (AU)		23,2	0,73	3,2	66							66		
(60) Roche		22,1	1,8	8,0	83							83		
(149) Siemens (BN, Dimension)		22,9	1,9	8,5	19							19		
(177) MINDRAY		24,3	2,8	12	7							7		
(179) Siemens		25,8	1,5	6,0	28							28		
Other					13							13		
-----						2x 4, 1x 36, 1x 46, 2x 50, 1x 61, 1x 91, 4x 166, 1x 999								
Sample B		35,8	2,5	7,0	268	CVP	35,8	0,38	24%	27,2	44,4	268	265	99%
(1) Abbott		37,4	1,2	3,2	42							42		
(12) Beckman Coulter		35,4	1,8	5,1	10							10		
(58) Beckman Coulter (AU)		36,9	1,3	3,6	66							66		
(60) Roche		33,7	2,1	6,2	83							83		
(149) Siemens (BN, Dimension)		34,8	2,5	7,3	19							19		
(177) MINDRAY		36,9	2,7	7,4	7							7		
(179) Siemens		37,8	1,7	4,4	28							28		
Other					13							13		
-----						2x 4, 1x 36, 1x 46, 2x 50, 1x 61, 1x 91, 4x 166, 1x 999								

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End of report

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