

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CRP3/22 - C-Reactive Protein

Deadline: 26.08.2022

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					261							261	259	99%
----- Samples and groups -----	[mg/L]													
Sample A		9,25	0,71	7,6	261	CVP	9,25	0,11	24%	7,03	11,5	261	259	99%
(1) Abbott		9,34	0,39	4,2	53							53		
(12) Beckman Coulter		10,0	0,63	6,3	8							8		
(49) BioVendor		8,70	0,44	5,1	6							6		
(58) Beckman Coulter (AU)		9,72	0,32	3,3	29							29		
(60) Roche		8,76	0,32	3,6	103							103		
(149) Siemens (Dade, BN, Dimension)		9,09	0,87	9,6	14							14		
(162) Siemens (Atellica)		10,8	0,46	4,3	11							11		
(177) Mindray		9,65	0,37	3,8	5							5		
(178) DiaSys		9,35	0,12	1,3	5							5		
(179) Siemens		10,6	0,33	3,1	12							12		
Other					15							15		
							1x 36, 2x 46, 1x 61, 2x 70, 1x 75, 2x 91, 4x 116, 1x 152, 1x 158							
Sample B		35,5	1,9	5,3	261	CVP	35,5	0,29	24%	26,9	44,1	261	260	100%
(1) Abbott		36,9	1,1	3,1	53							53		
(12) Beckman Coulter		35,3	2,0	5,7	8							8		
(49) BioVendor		39,0	5,9	15	6							6		
(58) Beckman Coulter (AU)		35,4	2,0	5,6	29							29		
(60) Roche		34,6	1,2	3,3	103							103		
(149) Siemens (Dade, BN, Dimension)		34,1	2,2	6,5	14							14		
(162) Siemens (Atellica)		36,9	1,6	4,4	11							11		
(177) Mindray		37,5	0,59	1,6	5							5		
(178) DiaSys		37,5	0,31	0,83	5							5		
(179) Siemens		37,2	0,51	1,4	12							12		
Other					15							15		
							1x 36, 2x 46, 1x 61, 2x 70, 1x 75, 2x 91, 4x 116, 1x 152, 1x 158							

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End of report

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