

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CRP1/22 - C-Reactive Protein

Deadline: 11.02.2022

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					297							297	294	99%
----- Samples and groups -----	[mg/L]													
Sample A		9,25	0,71	7,7	297	CVP	9,25	0,10	24%	7,03	11,5	297	294	99%
(1) Abbott		9,39	0,32	3,4	60							60		
(12) Beckman Coulter		9,83	0,43	4,3	12							12		
(49) BioVendor		8,88	1,3	15	7							7		
(58) Beckman Coulter (AU)		9,75	0,38	3,9	35							35		
(60) Roche		8,73	0,26	2,9	116							116		
(149) Siemens (Dade, BN, Dimension)		9,39	0,77	8,2	18							18		
(162) Siemens (Atellica)		10,6	0,55	5,1	13							13		
(177) Mindray		10,2	0,44	4,4	5							5		
(179) Siemens		10,4	0,33	3,1	13							13		
Other					18							18		
-----						1x 5, 1x 36, 2x 46, 1x 61, 1x 70, 1x 75, 1x 91, 4x 116, 1x 152, 1x 158, 4x 178								
Sample B		18,1	1,2	6,4	297	CVP	18,1	0,16	24%	13,7	22,5	297	297	100%
(1) Abbott		19,1	0,46	2,4	60							60		
(12) Beckman Coulter		18,2	0,89	4,9	12							12		
(49) BioVendor		18,3	1,1	6,1	7							7		
(58) Beckman Coulter (AU)		17,5	0,56	3,2	35							35		
(60) Roche		17,4	0,56	3,2	116							116		
(149) Siemens (Dade, BN, Dimension)		18,1	1,2	6,4	18							18		
(162) Siemens (Atellica)		20,7	0,92	4,4	13							13		
(177) Mindray		19,3	0,44	2,3	5							5		
(179) Siemens		20,3	0,92	4,5	13							13		
Other					18							18		
						1x 5, 1x 36, 2x 46, 1x 61, 1x 70, 1x 75, 1x 91, 4x 116, 1x 152, 1x 158, 4x 178								

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End of report

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