

Summary statistics - quantitative results

(Groups: manufacturer of instrument)

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	0,38	4,1	58	0						58		
(12) Beckman Coulter		10,0	0,63	6,3	8	0						8		
(58) Beckman Coulter (AU)		9,73	0,39	4,0	31	0						31		
(60) Roche		8,76	0,32	3,6	103	0						103		
(149) Siemens (Dade, BN, Dimension)		9,09	0,87	9,6	14	0						14		
(162) Siemens (Atellica)		10,8	0,49	4,6	14	0						14		
(177) Mindray		9,70	0,44	4,6	7	0						7		
(179) Siemens		9,96	0,92	9,2	16	0						16		
Other					10	0						10		
							1x 0, 1x 36, 1x 46, 1x 61, 2x 91, 4x 166							
Sample B		35,5	1,9	5,3	261	CVP	35,5	0,29	24%	26,9	44,1	261	260	100%
(1) Abbott		36,8	1,2	3,2	58	0						58		
(12) Beckman Coulter		35,3	2,0	5,7	8	0						8		
(58) Beckman Coulter (AU)		35,5	2,0	5,7	31	0						31		
(60) Roche		34,6	1,2	3,3	103	0						103		
(149) Siemens (Dade, BN, Dimension)		34,1	2,2	6,5	14	0						14		
(162) Siemens (Atellica)		36,8	1,8	5,0	14	0						14		
(177) Mindray		37,4	0,82	2,2	7	0						7		
(179) Siemens		37,2	0,59	1,6	16	0						16		
Other					10	0						10		
							1x 0, 1x 36, 1x 46, 1x 61, 2x 91, 4x 166							

st_kn_p

End of report

Printed: 30.08.2022