

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: CRP3/21 - C-Reactive Protein

Deadline: 27.08.2021

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					263						263	257	98%	
----- Samples and groups -----	[mg/L]													
Sample A		39,7	2,4	6,1	263	CVP	39,7	0,37	24%	30,1	49,3	263	262	100%
(1) Abbott		40,9	1,2	2,9	53	0						53		
(12) Beckman Coulter		41,1	1,5	3,6	9	0						9		
(58) Beckman Coulter (AU)		41,8	1,8	4,2	38	0						38		
(60) Roche		38,0	1,4	3,7	93	0						93		
(116) Sentinel Diagnostics		41,3	1,6	4,0	5	0						5		
(149) Siemens (Dade, BN, Dimension)		38,3	1,9	5,0	16	0						16		
(162) Siemens (Atellica)		40,0	1,2	3,1	11	0						11		
(178) DiaSys		41,3	2,9	7,0	5	0						5		
(179) Siemens		40,6	0,58	1,4	13	0						13		
Other					20	0						20		
							1x 36, 3x 46, 4x 49, 1x 61, 3x 70, 1x 75, 1x 91, 1x 152, 1x 158, 4x 177					263	257	98%
Sample B		9,43	0,81	8,5	263	CVP	9,43	0,12	24%	7,16	11,7	263	257	98%
(1) Abbott		9,51	0,38	4,0	53	0						53		
(12) Beckman Coulter		9,85	0,22	2,3	9	0						9		
(58) Beckman Coulter (AU)		9,93	0,42	4,2	38	0						38		
(60) Roche		8,85	0,38	4,3	93	1						93		
(116) Sentinel Diagnostics		9,60	0,49	5,1	5	0						5		
(149) Siemens (Dade, BN, Dimension)		9,47	0,70	7,4	16	0						16		
(162) Siemens (Atellica)		10,8	0,22	2,0	11	0						11		
(178) DiaSys		9,00	0,59	6,6	5	0						5		
(179) Siemens		10,6	0,35	3,3	13	0						13		
Other					20	0						20		
							1x 36, 3x 46, 4x 49, 1x 61, 3x 70, 1x 75, 1x 91, 1x 152, 1x 158, 4x 177					263	257	98%

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End of report

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