

Summary statistics - quantitative results

(Groups: manufacturer of kit)

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		25,1	0,55	2,2	34	0						34		
(12) Beckman Coulter		22,4	1,4	6,3	12	0						12		
(46) Erba Lachema		23,2	1,6	7,0	6	0						6		
(49) BioVendor		24,0	1,8	7,7	6	0						6		
(58) Beckman Coulter (AU)		23,3	0,67	2,9	64	0						64		
(60) Roche		22,1	1,8	8,0	83	0						83		
(149) Siemens (BN, Dimension)		22,9	1,9	8,5	19	0						19		
(178) DiaSys		23,2	2,0	8,5	6	0						6		
(179) Siemens		26,4	1,1	4,3	21	0						21		
Other					17	0						17		
-----							1x 5, 1x 36, 1x 61, 3x 70, 1x 91, 4x 116, 1x 152, 1x 158, 4x 177							
Sample B		35,8	2,5	7,0	268	CVP	35,8	0,38	24%	27,2	44,4	268	265	99%
(1) Abbott		37,7	0,93	2,5	34	0						34		
(12) Beckman Coulter		35,6	1,9	5,4	12	0						12		
(46) Erba Lachema		35,9	0,93	2,6	6	0						6		
(49) BioVendor		36,2	3,3	9,1	6	0						6		
(58) Beckman Coulter (AU)		36,8	1,3	3,7	64	0						64		
(60) Roche		33,7	2,1	6,2	83	0						83		
(149) Siemens (BN, Dimension)		34,8	2,5	7,3	19	0						19		
(178) DiaSys		35,2	1,3	3,7	6	0						6		
(179) Siemens		38,1	1,5	3,9	21	0						21		
Other					17	0						17		
							1x 5, 1x 36, 1x 61, 3x 70, 1x 91, 4x 116, 1x 152, 1x 158, 4x 177							

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End of report

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