

Summary statistics - quantitative results

(Groups: measurement principle)

Filter: minimal size of groups n = 5

EQA round: CRP4/17 - C-Reactive Protein

Dead line: 08.12.2017

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 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					Comparability							
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}
Set of samples 1														
(100) C-reactive protein					53							53	50	94%
Samples and groups		[mg/L]												
Sample A1		43,5	3,1	7,2	53	CVP	43,5	1,1	24%	33	54	53	52	98%
(2) Immunoturbidimetry		43,4	3,1	7,2	51	0						51		
Other					2	0						2		
----- 2x 99 -----														
Sample B1		27,4	2,2	8,1	53	CVP	27,4	0,75	24%	20,8	34	53	50	94%
(2) Immunoturbidimetry		27,4	2,2	8,1	51	1						51		
Other					2	0						2		
----- 2x 99 -----														
Set of samples 2														
(100) C-reactive protein					54							54	52	96%
Samples and groups		[mg/L]												
Sample A2		45,2	3,8	8,4	54	CVP	45,2	1,3	24%	34,3	56,1	54	53	98%
(2) Immunoturbidimetry		45,4	3,9	8,5	51	0						51		
Other					3	0						3		
----- 3x 3 -----														
Sample B2		49,5	5,3	11	54	CVP	49,5	1,8	24%	37,6	61,4	54	52	96%
(2) Immunoturbidimetry		49,6	5,4	11	51	0						51		
Other					3	0						3		
----- 3x 3 -----														

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End of report

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