Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: CRP4/18 - C-Reactive Protein

Dead line: 07.12.2018

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]	RoM	SD	CV [%]	N_{tot}	N_{out}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
(100) C-reactive protein [mg/L]				148								148	142	96%
———— Samples and groups —														
Sample A	54,3	4,2	7,7	148		CVP	54,3	0,84	24%	41,2	67,4	148	145	98%
(1) Abbott	53,7	2,2	4,0	22	0							22		
(12) Beckman Coulter	56,5	3,7	6,6	6	0							6		
(49) BioVendor	56,4	3,1	5,4	12	0							12		
(58) Beckman Coulter (Olympus)	57,9	2,5	4,4	37	0							37		
(60) Roche	51,6	3,9	7,6	46	0							46		
(178) DiaSys	53,7	2,7	5,0	5	0							5		
(179) Siemens (Bayer)	54,6	0,67	1,2	6	0							6		
Other				14	0							14		

1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 91, 1x 121, 3x 149, 1x 152, 1x 166, 1x 177, 1x 200

Test [unit]	RoM	SD	CV [%]	N_{tot}	N_{out}		AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
Sample B	8,27	0,77	9,3	148		CVP	8,27	0,16	24%	6,28	10,3	148	143	97%
(1) Abbott	8,29	0,26	3,2	22	0							22		
(12) Beckman Coulter	8,55	0,22	2,6	6	0							6		
(49) BioVendor	7,60	0,96	13	12	0							12		
(58) Beckman Coulter (Olympus)	8,65	0,40	4,7	37	0							37		
(60) Roche	7,79	0,75	9,6	46	0							46		
(178) DiaSys	8,10	0,53	6,5	5	0							5		
(179) Siemens (Bayer)	9,00	0,00	0,00	6	0							6		
Other				14	1							14		

1x 40, 1x 46, 1x 57, 1x 61, 1x 70, 1x 91, 1x 121, 3x 149, 1x 152, 1x 166, 1x 177, 1x 200

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End of report

Printed: 14.12.2018