Summary statistics - quantitative results

(Groups: manufacturer of instrument)

Filter: minimal size of the groups n = 5

EQA round: CRP1/21 - C-Reactive Protein

Deadline: 12.02.2021

RoM = robust average	AV = assigned value
SD = standard deviation	CRV = certified reference value
CV = coefficient of variation	RV = reference value
Ntot = total number of the participants	CVE = consensus value from experts
Nout = number of results excluded before calculation	CVP = consensus value from all participants
	CVPG = consensus value from participants groups
	U_{AV} = expanded uncertainty of the assigned value (k = 2)

Dmax = acceptable percent difference
LL = lower limit
UL = upper limit
Neva = number of evaluated participants
Nsuc = number of successful participants
Srel = success (relative)

Test [unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
(100) C-reactive protein [mg/L]				297								297	288	97%
─── Samples and groups ─														
Sample A	9,49	0,80	8,4	297		CVP	9,49	0,11	24%	7,21	11,8	297	289	97%
(1) Abbott	9,61	0,34	3,5	60	0							60		
(12) Beckman Coulter	9,56	0,33	3,4	9	0							9		
(58) Beckman Coulter (AU)	9,94	0,28	2,8	56	0							56		
(60) Roche	8,75	0,55	6,2	100	0							100		
(149) Siemens (Dade, BN, Dimension)	9,63	0,92	9,5	19	0							19		
(162) Siemens (Atellica)	10,4	0,75	7,2	11	0							11		
(166) Thermo Fisher	10,0	3,0	30	5	0							5		
(177) MINDRAY	9,85	0,37	3,8	6	0							6		
(179) Siemens	10,3	0,36	3,5	22	0							22		
Other				9	0							9		

2x 4, 1x 36, 1x 46, 1x 50, 1x 61, 1x 91, 1x 178, 1x 999

Test [unit]	RoM	SD	CV [%]	N_{tot}	N_{out}	Comparability	AV	U_{AV}	D_{max}	LL	UL	N_{eva}	N_{suc}	S_{rel}
Sample B	28,7	2,0	6,9	297		CVP	28,7	0,28	24%	21,8	35,6	297	294	99%
(1) Abbott	30,4	0,81	2,7	60	0							60		
(12) Beckman Coulter	27,2	1,2	4,4	9	0							9		
(58) Beckman Coulter (AU)	28,6	0,88	3,1	56	0							56		
(60) Roche	27,1	1,4	5,3	100	0							100		
(149) Siemens (Dade, BN, Dimension)	28,4	1,5	5,2	19	0							19		
(162) Siemens (Atellica)	30,3	1,1	3,6	11	0							11		
(166) Thermo Fisher	32,4	0,59	1,8	5	0							5		
(177) MINDRAY	29,7	1,9	6,5	6	0							6		
(179) Siemens	30,6	1,0	3,4	22	0							22		
Other				9	0							9		

2x 4, 1x 36, 1x 46, 1x 50, 1x 61, 1x 91, 1x 178, 1x 999

End of report