

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of the groups n = 5

EQA round: TIE1/22 - Allergy Control Scheme (Total IgE)

Deadline: 04.03.2022

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}
(280) Total IgE					150						150	149	99%	
Samples and groups	[kU/L]													
Sample A		161	15	9,0	150	CVP	161	2,9	25%	120	202	150	149	99%
(1) Abbott		141	9,6	6,8	18	0						18		
(29) Siemens (Immulite)		165	17	10	26	0						26		
(58) Beckman Coulter (AU)		164	2,2	1,4	5	0						5		
(60) Roche		168	6,5	3,9	41	0						41		
(149) Siemens (Dade, BN, Dimension)		163	4,9	3,0	10	0						10		
(162) Siemens (Atellica)		166	5,6	3,4	8	0						8		
(166) Thermo Fisher		152	7,6	5,0	10	0						10		
(179) Siemens		175	19	11	8	0						8		
(999) another manufacturer		172	15	8,6	6	0						6		
Other					18	0						18		
							1x 5, 3x 12, 2x 15, 4x 25, 1x 36, 2x 75, 1x 91, 4x 178							
Sample B		315	28	9,0	150	CVP	315	5,6	25%	236	394	150	150	100%
(1) Abbott		286	18	6,5	18	0						18		
(29) Siemens (Immulite)		314	32	10	26	0						26		
(58) Beckman Coulter (AU)		316	5,4	1,7	5	0						5		
(60) Roche		325	11	3,3	41	0						41		
(149) Siemens (Dade, BN, Dimension)		314	19	6,0	10	0						10		
(162) Siemens (Atellica)		342	9,6	2,8	8	0						8		
(166) Thermo Fisher		303	23	7,6	10	0						10		
(179) Siemens		346	11	3,2	8	0						8		
(999) another manufacturer		329	35	11	6	0						6		
Other					18	0						18		
							1x 5, 3x 12, 2x 15, 4x 25, 1x 36, 2x 75, 1x 91, 4x 178							

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End of report

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