

Summary statistics - quantitative results

(Groups: manufacturer of kit)

Filter: minimal size of groups n = 5

EQA round: TIE1/18 - Allergy Control Scheme (Total IgE)

Dead line: 05.04.2018

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]	Comparability													
		RoM	SD	CV [%]	N _{tot}	N _{out}	AV	U _{AV}	D _{max}	LL	UL	N _{eva}	N _{suc}	S _{rel}	
(280) Total IgE					159							159	155	97%	
Samples and groups	[kU/L]														
Sample A		56,0	4,1	7,4	159	CVP	56	0,80	25%	42	70	159	157	99%	
(1) Abbott		57,7	3,9	6,8	12							12			
(12) Beckman Coulter		51,0	8,9	17	9							9			
(25) TOSOH		56,8	2,1	3,8	7							7			
(29) Siemens (DPC)		54,3	5,0	9,3	39							39			
(60) Roche		56,0	2,4	4,3	36							36			
(149) Siemens (Dade)		56,4	2,7	4,8	10							10			
(166) Thermo		49,4	6,4	13	6							6			
(179) Siemens (Bayer)		57,2	3,4	6,0	12							12			
(999) another manufacturer		56,5	3,9	6,9	10							10			
Other					18							18			
							1x 5, 1x 15, 1x 36, 3x 58, 3x 59, 4x 75, 1x 85, 1x 91, 3x 178								
Sample B		308	24	7,9	159	CVP	308	4,7	25%	231	385	159	155	97%	
(1) Abbott		297	15	5,0	12							12			
(12) Beckman Coulter		276	28	10	9							9			
(25) TOSOH		299	29	9,7	7							7			
(29) Siemens (DPC)		312	37	12	39							39			
(60) Roche		316	15	4,7	36							36			
(149) Siemens (Dade)		313	17	5,4	10							10			
(166) Thermo		294	27	9,3	6							6			
(179) Siemens (Bayer)		326	12	3,7	12							12			
(999) another manufacturer		294	12	4,2	10							10			
Other					18							18			
							1x 5, 1x 15, 1x 36, 3x 58, 3x 59, 4x 75, 1x 85, 1x 91, 3x 178								

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End of report

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