

Summary statistics - quantitative results

(Groups: measurement principle)

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%
(2) EIA (ELISA)		56,7	5,0	8,8	5	0						5		
(3) FIA (FEIA, TRACE)		53,3	5,0	9,4	16	0						16		
(4) LIA (CLIA, CMIA, ILMA)		55,6	3,5	6,4	91	0						91		
(6) IMT, IMN		57,6	4,9	8,5	47	0						47		
Sample B		308	24	7,9	159	CVP	308	4,7	25%	231	385	159	155	97%
(2) EIA (ELISA)		293	17	5,8	5	0						5		
(3) FIA (FEIA, TRACE)		300	22	7,3	16	0						16		
(4) LIA (CLIA, CMIA, ILMA)		316	25	8,0	91	0						91		
(6) IMT, IMN		297	17	5,9	47	0						47		

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End of report

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