

EQA round: TIE2/23 - Allergy Control Scheme (Total IgE)

Deadline: 22.9.2023

Setup: groups - measurement principle; minimal size of the groups n = 5

RoM = robust average	AV = assigned value	D _{max} = acceptable difference
SD = standard deviation	CVP = consensus of all participants	LL = lower limit
CV = coefficient of variation	U _{AV} = expanded uncertainty of the assigned value (k = 2)	UL = upper limit
N _{tot} = total number of the results		N _{eva} = number of the results assessed
N _{out} = number of the results removed before calculation		N _{suc} = number of successful results
		S _{rel} = relative success

Test Sample Group	[unit]	RoM	SD	CV [%]	N _{tot}	N _{out}	Comparability					N _{eva}	N _{suc}	S _{rel} [%]	
							AV	U _{AV}	D _{max}	LL	UL				
(280) Total IgE	[kU/L]				152							152	138	91	
Sample A		864	96	11	152		CVP	864	19	25%	648	1080	152	147	97
(3) FIA (FEIA, TRACE)		858	57	6,7	15	0							15		
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		886	77	8,7	85	0							85		
(6) IMT, IMN		831	110	13	48	0							48		
Other					4	0							4		
							3x 2, 1x 99								
Sample B		46,8	5,7	12	152		CVP	46,8	1,1	25%	35,1	58,5	152	140	92
(3) FIA (FEIA, TRACE)		47,3	3,3	7	15	0							15		
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		47,7	4,6	9,7	85	0							85		
(6) IMT, IMN		44,7	8,4	19	48	0							48		
Other					4	0							4		
							3x 2, 1x 99								