

EQA round: TIE2/24 - Allergy Control Scheme (Total IgE)

Deadline: 20.9.2024

Setup: groups - M (measurement principle); Slovakia; 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 resultsN_{eva} = number of the results assessedN_{out} = number of the results removed before calculationN_{suc} = number of successful resultsS_{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]				26							26	24	92	
Sample A		427	52	12	26		CVP	442	9,6	25%	331	553	26	25	96
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		461	48	10	10	0							10		
(6) IMT, IMN		406	44	11	13	0							13		
Other					3	0							3		
							2x 2, 1x 3								
Sample B		427	47	11	26		CVP	441	9,8	25%	330	552	26	24	92
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		454	35	7,7	10	0							10		
(6) IMT, IMN		408	49	12	13	0							13		
Other					3	0							3		
							2x 2, 1x 3								