

EQA round: TIE1/24 - Allergy Control Scheme (Total IgE)

Deadline: 1.3.2024

Setup: groups - M (measurement principle); Slovakia; minimal size of the groups n = 5

RoM = robust average

SD = standard deviation

CV = coefficient of variation

N_{tot} = total number of the resultsN_{out} = number of the results removed before calculation

AV = assigned value

CVP = consensus of all participants

U_{AV} = expanded uncertainty of the assigned value (k = 2)D_{max} = acceptable difference

LL = lower limit

UL = upper limit

N_{eva} = number of the results assessedN_{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]				27							27	26	96	
Sample A		485	70	14	27		CVP	491	12	25%	368	614	27	26	96
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		523	9,2	1,8	9	0							9		
(6) IMT, IMN		459	73	16	14	0							14		
Other					4	0							4		
							2x 2, 1x 3, 1x 99								
Sample B		106	16	15	27		CVP	106	2,8	25%	79,5	133	27	26	96
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		110	11	9,7	9	0							9		
(6) IMT, IMN		102	16	16	14	0							14		
Other					4	0							4		
							2x 2, 1x 3, 1x 99								