

EQA round: TIE1/23 - Allergy Control Scheme (Total IgE)

Deadline: 3.3.2023

Setup: groups - 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]				29								29	26	90
Sample A		55,7	5,9	11	29		CVP	54,5	0,9	25%	40,8	68,2	29	27	93
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		55,3	4,2	7,5	10	0							10		
(6) IMT, IMN		56,2	9,1	16	15	0							15		
Other					4	0							4		
							2x 2, 1x 3, 1x 99								
Sample B		220	23	10	29		CVP	219	3,7	25%	164	274	29	28	97
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		229	14	6	10	0							10		
(6) IMT, IMN		211	26	12	15	0							15		
Other					4	0							4		
							2x 2, 1x 3, 1x 99								