

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

Deadline: 1.3.2024

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

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

Test Sample Group	[unit]	RoM	SD	CV [%]	N <sub>tot</sub>	N <sub>out</sub>	Comparability					N <sub>eva</sub>	N <sub>suc</sub>	S <sub>rel</sub> [%]	
							AV	U <sub>AV</sub>	D <sub>max</sub>	LL	UL				
<b>(280) Total IgE</b>	[kU/L]				149							149	144	97	
<b>Sample A</b>		491	60	12	149		CVP	491	12	25%	368	614	149	146	98
(3) FIA (FEIA, TRACE)		475	36	7,6	14	0							14		
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		513	44	8,6	84	0							84		
(6) IMT, IMN		461	59	13	48	0							48		
Other					3	0							3		
							2x 2, 1x 99								
<b>Sample B</b>		106	14	13	149		CVP	106	2,8	25%	79,5	133	149	145	97
(3) FIA (FEIA, TRACE)		105	7,1	6,8	14	0							14		
(4) LIA (CLIA, CMIA, ECLIA, LOCI)		112	11	9,8	84	0							84		
(6) IMT, IMN		98,2	12	13	48	0							48		
Other					3	0							3		
							2x 2, 1x 99								