

EQA round: AT1/23 - Autoantibodies in Thyroid Diseases

Deadline: 17.4.2023

Setup: groups - manufacturer of kit; 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	CVPG = consensus of the participants' groups	UL = upper limit
N _{tot} = total number of the results	U _{AV} = expanded uncertainty of the assigned value (k = 2)	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				
(590) anti-TSH receptor	[U/L]				99							93	89	96	
Sample A2		0,796	0,08	10	99		CVP	0,796	0,02	100%	0	1,6	99	97	98
(1) Abbott		0,965	0,27	28	17	0							17		
(29) Siemens (Immulin)		0,1	0	0	10	0							10		
(60) Roche		0,8	0	0	66	0							66		
Other					6	0							6		
							1x 24, 1x 36, 3x 73, 1x 87								
Sample B2		3,5	0,93	27	99							93	89	96	
(1) Abbott		5,49	0,41	7,5	17	0	CVPG	5,49	0,24	33%	3,67	7,31	17		
(29) Siemens (Immulin)		2,52	0,24	9,5	10	0	CVPG	2,52	0,18	33%	1,68	3,36	10		
(60) Roche		3,35	0,4	12	66	0	CVPG	3,35	0,12	33%	2,24	4,46	66		
Other					6	0							0		
							1x 24, 1x 36, 3x 73, 1x 87								