

EQA round: AT1/23 - Autoantibodies in Thyroid Diseases

Deadline: 17.4.2023

Setup: Slovakia

AV = assigned value

N_{tot} = total number of the resultsN_{eva} = number of the results assessed

CVP = consensus of all participants

N_{rel} = relative number of the resultsN_{suc} = number of successful results

CVPG = consensus of the participants' groups

S_{rel} = relative success

>>> ... expected result

> ... acceptable result

± ... result not assessed

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
Set 1							
(576) anti-microsomes (TPO)		20			20	18	90
Sample A1		20			20	19	95
All results		1	5	Negative			
	CVP >>>	19	95	Positive			
Sample B1		20			20	18	90
All results		2	10	Positive			
	CVP >>>	18	90	Negative			
		2	10	Positive			
(575) anti-thyreoglobulin		19			13	13	100
Sample A1		19			19	19	100
All results		19	100	Positive			
	CVP >>>	19	100	Positive			
Sample B1		19			13	13	100
All results (without individual groups)		13	68	Negative			
	CVP >>>	13	68	Negative			
(1) Abbott		±	1	5,3	Negative		
		±	2	11	Inconclusive result (borderline)		
		±	3	16	Positive		
Set 2							
(590) anti-TSH receptor		11			11	8	73
Sample A2		11			11	9	82
All results		9	82	Negative			
	CVP >>>	1	9,1	Inconclusive result (borderline)			
		1	9,1	Positive			
Sample B2		11			11	10	91
All results		1	9,1	Negative			
	CVP >>>	10	91	Positive			