

EQA round: AT1/23 - Autoantibodies in Thyroid Diseases

Deadline: 17.4.2023

Setup: all data

AV = assigned value

CVP = consensus of all participants

CVPG = consensus of the participants' groups

>>> ... expected result

> ... acceptable result

± ... result not assessed

N_{tot} = total number of the resultsN_{rel} = relative number of the resultsN_{eva} = number of the results assessedN_{suc} = number of successful resultsS_{rel} = relative success

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)		198			198	193	97
Sample A1		198			198	196	99
All results		2	1	Negative			
	CVP >>>	196	99	Positive			
Sample B1		198			198	193	97
All results		193	97	Negative			
		1	0,5	Inconclusive result (borderline)			
		4	2	Positive			
(575) anti-thyreoglobulin		192			128	126	98
Sample A1		192			192	191	99
All results		1	0,5	Negative			
	CVP >>>	191	99	Positive			
Sample B1		192			128	127	99
All results (without individual groups)		127	66	Negative			
		1	0,5	Inconclusive result (borderline)			
(1) Abbott		± 10	5,2	Negative			
		± 5	2,6	Inconclusive result (borderline)			
		± 49	26	Positive			
Set 2							
(590) anti-TSH receptor		99			99	93	94
Sample A2		99			99	96	97
All results		96	97	Negative			
		1	1	Inconclusive result (borderline)			
		2	2	Positive			
Sample B2		99			99	95	96
All results		4	4	Negative			
	CVP >>>	95	96	Positive			