

EQA round: AT2/24 - Autoantibodies in Thyroid Diseases

Deadline: 25.10.2024

Setup: groups - R (manufacturer of kit)

AV = assigned value	N _{tot} = total number of the results	N _{eva} = number of the results assessed
CVP = consensus of all participants	N _{rel} = relative number of the results	N _{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) 200 200 191 96

Sample A1 200 200 191 96

(1) Abbott	CVP >>>	65	33	Negative				
(12) Beckman Coulter	CVP >>>	22	11	Negative				
(15) bioMérieux		1	0,5	Positive				
(25) TOSOH	CVP >>>	3	1,5	Negative				
(29) Siemens (Immulin)	CVP >>>	1	0,5	Negative				
		8	4	Positive				
(52) Dynex	CVP >>>	1	0,5	Negative				
(60) Roche	CVP >>>	67	34	Negative				
(135) OrgenTec	CVP >>>	1	0,5	Negative				
(162) Siemens (Atellica)	CVP >>>	19	9,5	Negative				
(166) Thermo Fisher	CVP >>>	1	0,5	Negative				
(179) Siemens	CVP >>>	11	5,5	Negative				

Sample B1 200 200 100

(1) Abbott	CVP >>>	65	33	Positive				
(12) Beckman Coulter	CVP >>>	22	11	Positive				
(15) bioMérieux	CVP >>>	1	0,5	Positive				
(25) TOSOH	CVP >>>	3	1,5	Positive				
(29) Siemens (Immulin)	CVP >>>	9	4,5	Positive				
(52) Dynex	CVP >>>	1	0,5	Positive				
(60) Roche	CVP >>>	67	34	Positive				
(135) OrgenTec	CVP >>>	1	0,5	Positive				
(162) Siemens (Atellica)	CVP >>>	19	9,5	Positive				
(166) Thermo Fisher	CVP >>>	1	0,5	Positive				
(179) Siemens	CVP >>>	11	5,5	Positive				

(575) anti-thyroglobulin 194 194 189 97

Sample A1 194 194 190 98

(1) Abbott	CVP >>>	63	32	Negative				
(12) Beckman Coulter	CVP >>>	21	11	Negative				
(15) bioMérieux	CVP >>>	1	0,5	Negative				
(25) TOSOH	CVP >>>	2	1	Negative				
(29) Siemens (Immulin)	CVP >>>	7	3,6	Negative				
		1	0,5	Positive				
(36) Immunotech		1	0,5	Positive				
(52) Dynex	CVP >>>	1	0,5	Negative				
(60) Roche	CVP >>>	64	33	Negative				
		1	0,5	Positive				
(135) OrgenTec	CVP >>>	1	0,5	Negative				
(162) Siemens (Atellica)	CVP >>>	20	10	Negative				
		1	0,5	Positive				
(166) Thermo Fisher	CVP >>>	1	0,5	Negative				
(179) Siemens	CVP >>>	9	4,6	Negative				

Sample B1 194 194 192 99

(1) Abbott	CVP >>>	63	32	Positive				
(12) Beckman Coulter	CVP >>>	21	11	Positive				
(15) bioMérieux		1	0,5	Negative				
(25) TOSOH	CVP >>>	2	1	Positive				
(29) Siemens (Immulin)	CVP >>>	8	4,1	Positive				
(36) Immunotech	CVP >>>	1	0,5	Positive				
(52) Dynex	CVP >>>	1	0,5	Positive				
(60) Roche	CVP >>>	65	34	Positive				
(135) OrgenTec	CVP >>>	1	0,5	Positive				
(162) Siemens (Atellica)		1	0,5	Negative				
	CVP >>>	20	10	Positive				
(166) Thermo Fisher	CVP >>>	1	0,5	Positive				
(179) Siemens	CVP >>>	9	4,6	Positive				

Set 2

(590) anti-TSH receptor 105 93 91 98

Sample A2 105 105 103 98

(1) Abbott	CVP >>>	18	17	Negative				
------------	---------	----	----	----------	--	--	--	--

EQA round: AT2/24 - Autoantibodies in Thyroid Diseases

Deadline: 25.10.2024

Setup: groups - R (manufacturer of kit)

Test Sample Group	Frequency of the results				Success		
	AV	N _{tot}	N _{rel} [%]	Result	N _{eva}	N _{suc}	S _{rel} [%]
		1	1	Inconclusive result (borderline)			
		1	1	Positive			
(24) B.R.A.H.M.S.	CVP >>>	1	1	Negative			
(29) Siemens (Immulite)	CVP >>>	10	9,5	Negative			
(36) Immunotech	CVP >>>	1	1	Negative			
(60) Roche	CVP >>>	70	67	Negative			
(73) Snibe	CVP >>>	2	1,9	Negative			
(87) Euroimmun	CVP >>>	1	1	Negative			
Sample B2		105			93	92	99
(1) Abbott		1	1	Negative			
	CVP >>>	19	18	Positive			
(24) B.R.A.H.M.S.	CVP >>>	1	1	Positive			
(29) Siemens (Immulite)	±	9	8,6	Negative			
	±	1	1	Inconclusive result (borderline)			
(36) Immunotech	CVP >>>	1	1	Positive			
(60) Roche	CVP >>>	70	67	Positive			
(73) Snibe	±	2	1,9	Negative			
(87) Euroimmun	CVP >>>	1	1	Positive			