

Key:	>>> ... marks correct (expected) result	N ... number of the results
	> ... marks conditionally correct (acceptable) result	Nrel ... relative number of the results
	± ... marks the result not evaluated	

## Test

Sample	Group	N	Result	N <sub>rel</sub>
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## Set 1

## (575) Anti-thyroglobulin

A1	(1) Abbott	>>>	57	Positive	31 %
	(12) Beckman Coulter	>>>	19	Positive	10 %
	(15) bioMérieux	>>>	1	Positive	0,55 %
	(25) TOSOH	>>>	3	Positive	1,7 %
	(29) Siemens (Immulin)	>>>	13	Positive	7,2 %
	(36) Immunotech	>>>	1	Positive	0,55 %
	(60) Roche	>>>	58	Positive	32 %
	(87) Euroimmun	>>>	1	Positive	0,55 %
	(135) OrgenTec	>>>	1	Positive	0,55 %
	(162) Siemens (Atellica)	>>>	12	Positive	6,6 %
	(179) Siemens	>>>	14	Positive	7,7 %
	(999) another manufacturer	>>>	1	Positive	0,55 %
Total per sample: n = 181		Success:	100 %		

B1	(1) Abbott	±	9	Negative	5,0 %
		±	13	Inconclusive result (borderline)	7,2 %
		±	35	Positive	19 %
	(12) Beckman Coulter	>>>	18	Negative	9,9 %
			1	Inconclusive result (borderline)	0,55 %
	(15) bioMérieux	>>>	1	Negative	0,55 %
	(25) TOSOH	>>>	3	Negative	1,7 %
	(29) Siemens (Immulin)	>>>	13	Negative	7,2 %
	(36) Immunotech	>>>	1	Negative	0,55 %
	(60) Roche	>>>	55	Negative	30 %
			3	Positive	1,7 %
	(87) Euroimmun	>>>	1	Negative	0,55 %
	(135) OrgenTec	>>>	1	Negative	0,55 %
	(162) Siemens (Atellica)	±	3	Negative	1,7 %
		±	9	Positive	5,0 %
	(179) Siemens	±	1	Negative	0,55 %
		±	4	Inconclusive result (borderline)	2,2 %
		±	9	Positive	5,0 %
	(999) another manufacturer	>>>	1	Negative	0,55 %
Total per sample: n = 181		Success (only evaluated results):	96 %		

Total success (only evaluated tests): 96 %

## (576) Anti-microsomes (TPO)

A1	(1) Abbott	>>>	58	Positive	31 %
	(12) Beckman Coulter	>>>	19	Positive	10 %
	(15) bioMérieux	>>>	1	Positive	0,54 %
	(25) TOSOH	>>>	4	Positive	2,2 %
	(29) Siemens (Immulin)	>>>	14	Positive	7,5 %
	(60) Roche	>>>	1	Negative	0,54 %
		>>>	58	Positive	31 %
	(87) Euroimmun	>>>	1	Positive	0,54 %
	(135) OrgenTec	>>>	1	Positive	0,54 %
	(162) Siemens (Atellica)	>>>	12	Positive	6,5 %
	(179) Siemens	>>>	16	Positive	8,6 %
	(999) another manufacturer	>>>	1	Positive	0,54 %
Total per sample: n = 186		Success:	99 %		

B1	(1) Abbott	>>>	58	Negative	31 %
	(12) Beckman Coulter	>>>	19	Negative	10 %
	(15) bioMérieux	>>>	1	Negative	0,54 %
	(25) TOSOH	>>>	4	Negative	2,2 %
	(29) Siemens (Immulin)	>>>	14	Negative	7,5 %
	(60) Roche	>>>	59	Negative	32 %
	(87) Euroimmun	>>>	1	Negative	0,54 %
	(135) OrgenTec	>>>	1	Negative	0,54 %
	(162) Siemens (Atellica)	>>>	12	Negative	6,5 %
	(179) Siemens	>>>	16	Negative	8,6 %
	(999) another manufacturer	>>>	1	Negative	0,54 %
Total per sample: n = 186		Success:	100 %		

Total success: 99 %

## Summary statistics - qualitative results

(Groups: manufacturer of kit)

## EQA round: AT2/21 - Autoantibodies in Thyroid Diseases

Deadline: 01.11.2021

Test			N	Result	N <sub>rel</sub>
Sample	Group				
<b>Set 2</b>					
<b>(590) Anti-TSH receptor</b>					
A2	(1) Abbott	>>>	2	Negative	2,1 %
	(24) B.R.A.H.M.S.	>>>	2	Negative	2,1 %
	(29) Siemens (Immulite)	>>>	10	Negative	11 %
	(36) Immunotech	>>>	1	Negative	1,1 %
	(60) Roche	>>>	76	Negative	80 %
	(87) Euroimmun	>>>	1	Negative	1,1 %
	(999) another manufacturer	>>>	3	Negative	3,2 %
----- Total per sample: n = 95		-----	Success: 100 %	-----	
B2	(1) Abbott	>>>	2	Positive	2,1 %
	(24) B.R.A.H.M.S.	>>>	2	Positive	2,1 %
	(29) Siemens (Immulite)	>>>	10	Positive	11 %
	(36) Immunotech	>>>	1	Positive	1,1 %
	(60) Roche	>>>	76	Positive	80 %
	(87) Euroimmun	>>>	1	Positive	1,1 %
	(999) another manufacturer	>>>	3	Positive	3,2 %
----- Total per sample: n = 95		-----	Success: 100 %	-----	
Total success: 100 %					

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End of report

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