

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: AT1/21 - Autoantibodies in Thyroid Diseases

Deadline: 19.04.2021

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 _{rel}
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Set 1

(575) Anti-thyreoglobulin

A1	(1) Abbott	>>>	58	Positive	32 %
	(12) Beckman Coulter	>>>	24	Positive	13 %
	(15) bioMérieux	>>>	1	Positive	0,54 %
	(25) TOSOH	>>>	3	Positive	1,6 %
	(29) Siemens (Immulin)	>>>	15	Positive	8,2 %
	(36) Immunotech	>>>	2	Positive	1,1 %
	(60) Roche	>>>	53	Positive	29 %
	(87) Euroimmun	>>>	1	Positive	0,54 %
	(135) OrgenTec	>>>	1	Positive	0,54 %
	(162) Siemens (Atellica)	>>>	10	Positive	5,4 %
	(179) Siemens	>>>	15	Positive	8,2 %
	(999) another manufacturer	>>>	1	Positive	0,54 %
Total per sample: n = 184		Success:	100 %		
B1	(1) Abbott	±	2	Negative	1,1 %
		±	7	Inconclusive result (borderline)	3,8 %
		±	49	Positive	27 %
	(12) Beckman Coulter	±	1	Negative	0,54 %
		±	1	Inconclusive result (borderline)	0,54 %
		±	22	Positive	12 %
	(15) bioMérieux	±	1	Positive	0,54 %
	(25) TOSOH	±	3	Negative	1,6 %
	(29) Siemens (Immulin)	±	15	Negative	8,2 %
	(36) Immunotech	±	2	Negative	1,1 %
	(60) Roche	±	53	Negative	29 %
	(87) Euroimmun	±	1	Negative	0,54 %
	(135) OrgenTec	±	1	Negative	0,54 %
	(162) Siemens (Atellica)	±	1	Negative	0,54 %
		±	1	Inconclusive result (borderline)	0,54 %
		±	8	Positive	4,3 %
	(179) Siemens	±	15	Positive	8,2 %
	(999) another manufacturer	±	1	Negative	0,54 %
Total per sample: n = 184		Success (only evaluated results):	evaluation		

(576) Anti-microsomes (TPO)

A1	(1) Abbott	>>>	58	Positive	31 %
	(12) Beckman Coulter	>>>	24	Positive	13 %
	(15) bioMérieux	>>>	1	Positive	0,53 %
	(25) TOSOH	>>>	4	Positive	2,1 %
	(29) Siemens (Immulin)	>>>	16	Positive	8,5 %
	(36) Immunotech	>>>	1	Positive	0,53 %
	(60) Roche	>>>	54	Positive	29 %
	(87) Euroimmun	>>>	1	Positive	0,53 %
	(135) OrgenTec	>>>	1	Positive	0,53 %
	(162) Siemens (Atellica)	>>>	10	Positive	5,3 %
	(179) Siemens	>>>	17	Positive	9,0 %
	(999) another manufacturer	>>>	1	Positive	0,53 %
Total per sample: n = 188		Success:	100 %		
B1	(1) Abbott	±	1	Negative	0,53 %
		±	8	Inconclusive result (borderline)	4,3 %
		±	49	Positive	26 %
	(12) Beckman Coulter	±	17	Negative	9,0 %
		±	7	Inconclusive result (borderline)	3,7 %
	(15) bioMérieux	±	1	Positive	0,53 %
	(25) TOSOH	±	4	Negative	2,1 %
	(29) Siemens (Immulin)	±	16	Negative	8,5 %
	(36) Immunotech	±	1	Positive	0,53 %
	(60) Roche	±	54	Negative	29 %
	(87) Euroimmun	±	1	Negative	0,53 %
	(135) OrgenTec	±	1	Negative	0,53 %
	(162) Siemens (Atellica)	±	3	Negative	1,6 %
		±	3	Inconclusive result (borderline)	1,6 %
		±	4	Positive	2,1 %
	(179) Siemens	±	7	Negative	3,7 %
		±	4	Inconclusive result (borderline)	2,1 %

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Test	Sample	Group	N	Result	N _{rel}
B1	(179)	Siemens	± 6	Positive	3,2 %
	(999)	another manufacturer	± 1	Negative	0,53 %
----- Total per sample: n = 188 ----- Success (only evaluated results): evaluation -----					

Set 2

(590) Anti-TSH receptor

A2	(24)	B.R.A.H.M.S.	>>> 3	Negative	3,1 %
	(29)	Siemens (Immolute)	>>> 11	Negative	11 %
	(36)	Immunotech	>>> 1	Negative	1,0 %
	(60)	Roche	>>> 76	Negative	79 %
			2	Positive	2,1 %
	(87)	Euroimmun	>>> 1	Negative	1,0 %
	(999)	another manufacturer	>>> 2	Negative	2,1 %
----- Total per sample: n = 96 ----- Success: 98 % -----					
B2	(24)	B.R.A.H.M.S.	>>> 3	Positive	3,1 %
	(29)	Siemens (Immolute)	>>> 11	Positive	11 %
	(36)	Immunotech	>>> 1	Positive	1,0 %
	(60)	Roche	>>> 76	Positive	79 %
			2	Negative	2,1 %
	(87)	Euroimmun	>>> 1	Positive	1,0 %
	(999)	another manufacturer	>>> 2	Positive	2,1 %
----- Total per sample: n = 96 ----- Success: 98 % -----					
Total success: 98 %					

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End of report

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