

Summary statistics - qualitative results

(Groups: measurement principle)

EQA round: AT1/18 - Autoantibodies in Thyroid Diseases

Dead line: 07.05.2018

Key: >>> ... marks correct (expected) result
 > ... marks conditionally correct (acceptable) result
 ± ... marks the result not evaluated

N ... number of the results
 Nrel ... relative number of the results

Test

Sample	Group	N	Result	N _{rel}
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Set of samples 1**(575) Anti-thyreoglobulin**

A1	(1) Fluorescent methods	1	Negative	0,57 %
		>>>	2 Positive	1,1 %
	(2) EIA methods	>>>	10 Positive	5,7 %
	(4) RIA, IRMA, RRA	>>>	3 Positive	1,7 %
	(5) LIA, ILMA	>>>	158 Positive	91 %
	Total per sample: n = 174	—	Success: 99 %	—
B1	(1) Fluorescent methods	>>>	3 Negative	1,7 %
	(2) EIA methods	>>>	10 Negative	5,7 %
	(4) RIA, IRMA, RRA	>>>	3 Negative	1,7 %
	(5) LIA, ILMA	>>>	155 Negative	89 %
		1	Inconclusive result (borderline)	0,57 %
		2	Positive	1,1 %
	Total per sample: n = 174	—	Success: 98 %	—

Total success: 98 %

(576) Anti-microsomes (TPO)

A1	(1) Fluorescent methods	>>>	3 Positive	1,7 %
	(2) EIA methods	>>>	11 Positive	6,1 %
	(4) RIA, IRMA, RRA	>>>	2 Positive	1,1 %
	(5) LIA, ILMA		2 Negative	1,1 %
		>>>	163 Positive	90 %
	Total per sample: n = 181	—	Success: 99 %	—
B1	(1) Fluorescent methods	>>>	3 Negative	1,7 %
	(2) EIA methods	>>>	11 Negative	6,1 %
	(4) RIA, IRMA, RRA	>>>	2 Negative	1,1 %
	(5) LIA, ILMA	>>>	165 Negative	91 %
	Total per sample: n = 181	—	Success: 100 %	—

Total success: 99 %

Set of samples 2**(590) Anti-TSH receptor**

A2	(0) Not specified	>>>	1 Positive	1,1 %
	(1) Fluorescent methods	>>>	1 Positive	1,1 %
	(2) EIA methods	>>>	4 Positive	4,3 %
	(4) RIA, IRMA, RRA	>>>	8 Positive	8,7 %
	(5) LIA, ILMA		1 Negative	1,1 %
		>>>	77 Positive	84 %
	Total per sample: n = 92	—	Success: 99 %	—
B2	(0) Not specified	>>>	1 Negative	1,1 %
	(1) Fluorescent methods	>>>	1 Negative	1,1 %
	(2) EIA methods	>>>	4 Negative	4,3 %
	(4) RIA, IRMA, RRA	>>>	7 Negative	7,6 %
			1 Positive	1,1 %
	(5) LIA, ILMA	>>>	71 Negative	77 %
			4 Inconclusive result (borderline)	4,3 %
			3 Positive	3,3 %
	Total per sample: n = 92	—	Success: 91 %	—

Total success: 91 %

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End of report

Printed: 15.05.2018