

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 of samples 1

(575) Anti-thyreoglobulin

A1	(1) Abbott	>>>	53	Positive	29 %
	(12) Beckman Coulter	>>>	22	Positive	12 %
	(15) bioMérieux	>>>	1	Positive	0,55 %
	(25) TOSOH	>>>	3	Positive	1,7 %
	(29) Siemens (DPC)	>>>	18	Positive	9,9 %
	(36) Immunotech	>>>	3	Positive	1,7 %
	(60) Roche	>>>	54	Positive	30 %
	(87) Euroimmun		1	Negative	0,55 %
	(135) OrgenTec	>>>	1	Positive	0,55 %
	(164) DiaSorin	>>>	1	Positive	0,55 %
	(179) Siemens (Bayer)	>>>	21	Positive	12 %
	(998) home-made	>>>	1	Positive	0,55 %
	(999) another manufacturer	>>>	2	Positive	1,1 %
----- Total per sample: n = 181 -----		Success: 99 %			

B1	(1) Abbott	±	11	Negative	6,1 %
		±	15	Inconclusive result (borderline)	8,3 %
		±	27	Positive	15 %
	(12) Beckman Coulter	±	6	Negative	3,3 %
		±	5	Inconclusive result (borderline)	2,8 %
		±	11	Positive	6,1 %
	(15) bioMérieux	>>>	1	Negative	0,55 %
	(25) TOSOH	>>>	3	Negative	1,7 %
	(29) Siemens (DPC)	>>>	18	Negative	9,9 %
	(36) Immunotech	>>>	3	Negative	1,7 %
	(60) Roche	>>>	53	Negative	29 %
			1	Positive	0,55 %
	(87) Euroimmun	>>>	1	Negative	0,55 %
	(135) OrgenTec	>>>	1	Negative	0,55 %
	(164) DiaSorin	>>>	1	Negative	0,55 %
	(179) Siemens (Bayer)	>>>	20	Negative	11 %
			1	Positive	0,55 %
	(998) home-made	>>>	1	Negative	0,55 %
	(999) another manufacturer	>>>	2	Negative	1,1 %
----- Total per sample: n = 181 -----		Success (only evaluated results): 98 %			

Total success (only evaluated tests): 97 %

(576) Anti-microsomes (TPO)

A1	(1) Abbott	>>>	53	Positive	28 %
	(12) Beckman Coulter	>>>	26	Positive	14 %
	(15) bioMérieux	>>>	1	Positive	0,53 %
	(25) TOSOH	>>>	4	Positive	2,1 %
	(29) Siemens (DPC)	>>>	19	Positive	10 %
	(36) Immunotech	>>>	2	Positive	1,1 %
	(60) Roche		1	Negative	0,53 %
		>>>	54	Positive	29 %
	(87) Euroimmun	>>>	1	Positive	0,53 %
	(135) OrgenTec	>>>	1	Positive	0,53 %
	(179) Siemens (Bayer)		1	Negative	0,53 %
		>>>	21	Positive	11 %
	(998) home-made	>>>	1	Positive	0,53 %
	(999) another manufacturer	>>>	2	Positive	1,1 %
----- Total per sample: n = 187 -----		Success: 99 %			

B1	(1) Abbott	±	9	Negative	4,8 %
		±	21	Inconclusive result (borderline)	11 %
		±	23	Positive	12 %
	(12) Beckman Coulter	>>>	26	Negative	14 %
	(15) bioMérieux	>>>	1	Negative	0,53 %
	(25) TOSOH	>>>	4	Negative	2,1 %
	(29) Siemens (DPC)	>>>	19	Negative	10 %
	(36) Immunotech	>>>	2	Negative	1,1 %
	(60) Roche	>>>	53	Negative	28 %
			2	Inconclusive result (borderline)	1,1 %
	(87) Euroimmun	>>>	1	Negative	0,53 %
	(135) OrgenTec	>>>	1	Negative	0,53 %
	(179) Siemens (Bayer)	>>>	22	Negative	12 %

Summary statistics - qualitative results

(Groups: manufacturer of kit)

EQA round: AT1/19 - Autoantibodies in Thyroid Diseases

Dead line: 06.05.2019

Test

Sample	Group	N	Result	N _{rel}
B1	(998) home-made	1	Inconclusive result (borderline)	0,53 %
	(999) another manufacturer	>>> 2	Negative	1,1 %
Total per sample: n = 187			Success (only evaluated results): 98 %	
Total success (only evaluated tests): 96 %				

Set of samples 2

(590) Anti-TSH receptor

A2	(24) B.R.A.H.M.S.	>>> 6	Positive	6,2 %
	(29) Siemens (DPC)	>>> 9	Positive	9,3 %
	(36) Immunotech	>>> 2	Positive	2,1 %
	(60) Roche	>>> 76	Positive	78 %
	(87) Euroimmun	>>> 1	Positive	1,0 %
	(146) MEDIPAN Diagnostica	1	Negative	1,0 %
	(149) Siemens (Dade)	>>> 1	Positive	1,0 %
	(999) another manufacturer	>>> 1	Positive	1,0 %
Total per sample: n = 97			Success: 99 %	
B2	(24) B.R.A.H.M.S.	>>> 6	Positive	6,2 %
	(29) Siemens (DPC)	1	Negative	1,0 %
		>>> 8	Positive	8,2 %
	(36) Immunotech	>>> 2	Positive	2,1 %
	(60) Roche	>>> 76	Positive	78 %
	(87) Euroimmun	>>> 1	Positive	1,0 %
	(146) MEDIPAN Diagnostica	>>> 1	Positive	1,0 %
	(149) Siemens (Dade)	>>> 1	Positive	1,0 %
	(999) another manufacturer	>>> 1	Positive	1,0 %
Total per sample: n = 97			Success: 99 %	
Total success: 98 %				

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End of report

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