

Final report PT-Tx 1/2018

PT report on “Detection of anti-*Toxoplasma* IgG in goat serum samples”

Design

Purpose	Evaluation of laboratories in charge for official control on food	
Scheme type	Single	
Participants	Public and private, European laboratories	
N. of participants	Depending on request	
Method	not regulated	
Test method	chosen by the participant	
PT items	Matrix	serum
	Item	IgG
	N. of samples	5 for each participant
	Distribution	Immediate shipment after preparation
Subcontracted activities	NA	
Results evaluation	Qualitative	

Implementation

N. of participants	17	PT items	Serum samples	5
Public laboratories	5		PT panel composition	1 positive, 4 negative
Private laboratories	0		Shipping	TNT Express
NRL	12			
Shipping dates	March 12 th 2018			

Results

The PT final evaluation is qualitative only. The PT was considered passed if all positive and all negative samples were correctly identified by the participant.

Laboratory code	N° of samples correctly identified	N° of samples NOT correctly identified	Final evaluation
Tx1	5	0	POSITIVE
Tx2	5	0	POSITIVE
Tx3	5	0	POSITIVE
Tx4	5	0	POSITIVE
Tx5	5	0	POSITIVE
Tx6	5	0	POSITIVE
Tx7	5	0	POSITIVE
Tx8	5	0	POSITIVE
Tx9	5	0	POSITIVE
Tx10	5	0	POSITIVE
Tx11	5	0	POSITIVE
Tx12	5	0	POSITIVE
Tx13	5	0	POSITIVE
Tx14	5	0	POSITIVE
Tx15	5	0	POSITIVE
Tx16	5	0	POSITIVE
Tx17	5	0	POSITIVE

Legend:

- Laboratories that failed the PT are marked in bold.

Summary of results:

Total number of PT panels	1
Number of participant laboratories	17
Number of participants that passed the PT	17
Number of participants that failed the PT	0

Overtime comparison of results: NA

Comments:

Overtime comparison was not applicable because host serum samples change every year

The Director
Dr. E. Pozio



Date 23/04/2018

Notes:

1. To guarantee confidentiality, participant laboratories are identified by alphanumeric codes. PT participant identity is kept confidential and bound by professional secrecy. If PT results have to be provided directly to a competent authority, the organizer shall send a written notice to inform the involved participants.
2. The organizer designates a qualified company for the transport and delivery of PT items.
3. Each participating laboratory receives a PT panel according to the PT scheme. Each PT item consists of a serum sample collected from *Toxoplasma gondii* infected pigs as well as from *Toxoplasma gondii* free pigs and tested for anti-*Toxoplasma* IgG by a commercial kit. All proficiency items with the same IgG titer were prepared from a single animal, in order to assure homogeneity. PT items Serum samples, stored between +4-+15°C, are stable for more than 1 month from the date of preparation.
4. At the beginning of each year, the organizer draws up a PT program and makes it known by sending an email to the NRLs
5. The final report issue of each PT round shows the PT program implementation.

End of the report