

18th Annual Meeting of the TSE EURL  
Torino, Italy  
12th-13th September 2019

The forthcoming 2019 round of EQAs  
EURL PrP Immunohistochemistry Technical EQA  
Barbara Iulini & Cristina Casalone



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Istituto Superiore di Sanità - Rome

# Proficiency Testing



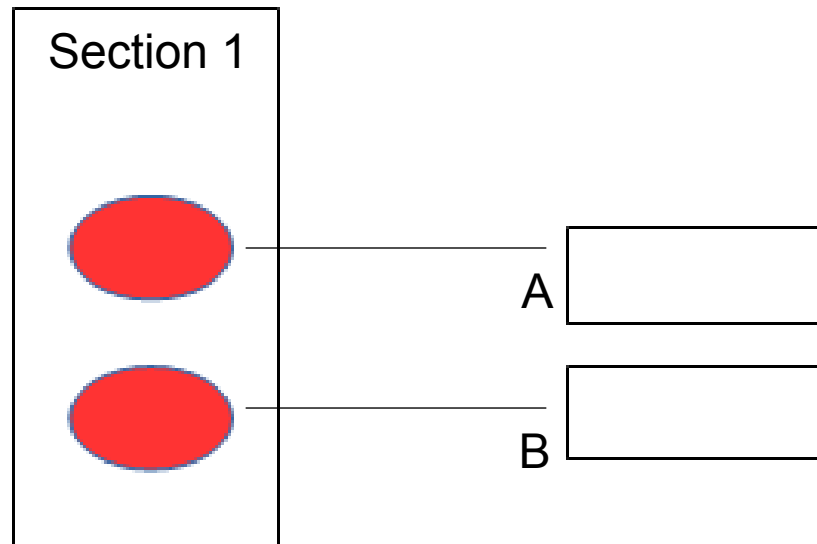
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# Proficiency Testing

## Same procedures - Material

- Eight unstained sections on four labelled slides (BSE and scrapie ).



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# Proficiency Testing

## Same procedures - Material

- Ovine slides include lymph nodes tissue.
- The BSE case(s) have been treated with formic acid prior to tissue processing.
- Packaging and dispatch (room temperature – Import permit).



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## Same procedures - Methods

- Perform routine PrP IHC using your **current (statutory) diagnostic protocol.**
- Include a single set of tissue controls processed in your own laboratory.



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# Proficiency Testing

## Timescale

- EURL will dispatch PT samples in **October**
- Two weeks to perform the PT and to send back the PrP immunostained sections.



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# Proficiency Testing

## *Please return*

- A copy of your **current PrP protocol**
- A descriptive assessment of each case, with a diagnosis (file excel).
- Your control slides
- Two unstained sections of your positive control



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# Proficiency Testing

results PT laboratory performance IHC.xlsx - LibreOffice Calc

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ID number	Species	Tissue supplied	Results	Comments
	Bovine	<u>slide 1 section A</u>		
	Bovine	<u>slide 1 section B</u>		
	Ovine	<u>slide 2 section A</u>		
	Ovine	<u>slide 2 section B</u>	Pos Pos C Pos A Neg	
	Ovine (lymph)	<u>slide 3 section A</u>		
	Ovine (lymph)	<u>slide 3 section B</u>		
	Ovine	<u>slide 4 section A</u>		
	Ovine	<u>slide 4 section B</u>		

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The forthcoming 2019 round of EQAs  
EQA for Confirmatory Histo/ IHC - BSE and scrapie  
(Interpretation)

Barbara Iulini & Cristina Casalone



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# Proficiency Testing

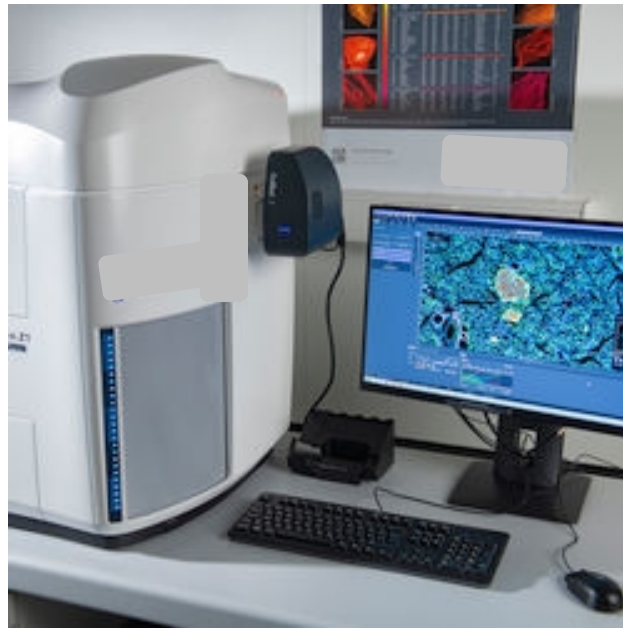


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The equipment to scan slides is being purchased



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# Proficiency Testing

## Timescale

- EURL will send e-mail invitation with instructions in **December**
- Two weeks to perform the interpretation PT and to send back the results.



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# Proficiency Testing

## Same procedures

- Access to scanned images via the web

Fifteen slides of positive and negative cases of BSE and scrapie (classical and atypical) stained with the immunohistochemistry and hematoxylin eosin methods

- Complete the Excel form for all cases with your results
- Return the “ Excel saved form” by e-mail



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# Proficiency Testing

results PT interpretation.xlsx - LibreOffice Calc

File Modifica Visualizza Inserisci Formato Strumenti Dati Finestra ?

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Final reports will be sent to participants  
with instructions  
to solve any problem that could arise

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