

18th Annual Meeting of the TSE EURL

Torino, Italy

12th-13th September 2019

The forthcoming 2019 round of EQAs: issues & news

Confirmatory BSE and Scrapie Immunoblotting

Pier Luigi Acutis & Maria Mazza



TSE EURL

Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – Turin
Istituto Superiore di Sanità - Rome

NRL participating in Proficiency Testing



23 laboratories for both PTs

BSE

Austria, Belgium, Bulgaria, Croatia, Czech Republic, Finland, France, Germany, Greece, Hungary, Ireland, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom

Scrapie

Austria, Belgium, Bulgaria, Czech Republic, Finland, France, Germany, Greece, Hungary, Ireland, Iceland, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom



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Planning

- Identification of each laboratory with a code
- Each round includes 5 samples of frozen brainstem homogenates prepared from TSE positive and negative animals
- The samples must be kept at -80(± 10)°C and different information will be provided on them and the transmission of the results (deadline, forms)



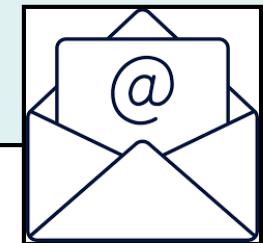
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About shipping

- The shipment of the samples is scheduled within 15th October
- BSE and Scrapie confirmatory PT will be sent along with sample sets for the rapid test
- The samples will be packed with dry-ice and the shipment will be scheduled at the beginning of the week between 9 am and 4 pm
- Import permit from each laboratory
- E-mail to communicate the shipment

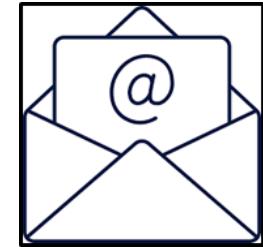


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Transmission of the results

Submission PTs results by e-mail

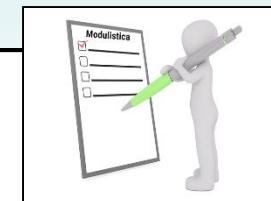


- Longer times for the analysis and submission of results (1-2 months)
- The results submitted after the deadline will not be evaluated
- Please include in the submission the raw data (pictures of the blots, readings) and all the information about the kit batches used for the analysis
- Report any information considered important for the correct interpretation of the results



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Processing of results

Elaboration of a report with the PTs results



Correct results

laboratories suitable to perform confirmatory tests



Incorrect results

analysis of the causes and repeating on a new set of samples



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**Feedback on the 2019 round of EQAs will
be reported at the annual EURL Meeting**



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Confirmatory BSE and Scrapie Immunoblotting

EURL Contact for Confirmatory PTs



Pier Luigi Acutis

e-mail address: pierluigi.acutis@izsto.it
telephone n.: +39 011 2686324
Fax n.: +39 011 2686322

Maria Mazza

e-mail address: maria.mazza@izsto.it
telephone n.: +39 011 2686282
fax n.: +39 011 2686322



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