



TSE EURL

Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta – Torino

Istituto Superiore di Sanità – Roma

Proficiency testing for veterinary laboratories

Histopathology and immunohistochemistry interpretation

Distribution date: March 2021

General comments

The TSE interpretation EQA is an exercise that allows all the NRLs to demonstrate their competence at reading stained/immunolabelled slides as part of their TSE diagnostic capability.

Attached below you will find a table summarising the results of the 2020 EQA round in conjunction with each participant ID.

The use of inconclusive/unsuitable for a case in which a definitive diagnosis is considered possible is not an 'incorrect result in this context. A negative case called positive, or a positive case interpreted as negative are the only results which are considered 'incorrect'.

Correct and 'Safe' results are highlighted **green**. 'Incorrect' results are highlighted in **red**. Inconclusive or unsuitable returns are highlighted in **yellow**.

In the scrapie IHC category, readers were also invited to comment on whether the case is classical or atypical. Where a case is correctly diagnosed as positive, but subsequently misclassified or not classified, this has been identified on the table by highlighting the fonts of either "Pos-A" or "Pos-C" in **pink**.

You should each have received email notification of your unique 'ObserverID'. You will need this to identify your results in the table. Please keep this information safely – your ID will NOT change with subsequent rounds. If you have misplaced your ID then please contact Dr Giuseppe Ru (giuseppe.ru@izsto.it) directly, and the information will be re-sent. If you know of new staff who require to be added to the programme, or existing members of staff who no longer need to participate in this EQA then please contact us.

It is important to review any cases for which you have given an incorrect answer (highlighted in **red** and **pink**) and fill the 'Slide review form' (at the end of this document) and return it to Giuseppe Ru (giuseppe.ru@izsto.it) and a copy to Cristina Casalone (cristina.casalone@izsto.it) and Barbara Iulini (barbara.iulini@izsto.it).

Please use one form for each misclassified case.

This confirms for the EURL (and your own third party quality systems) that appropriate follow-on review of sections has taken place with those readers who require to re-read particular slides.



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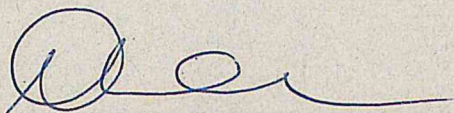
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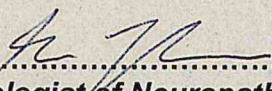
Comments on the results

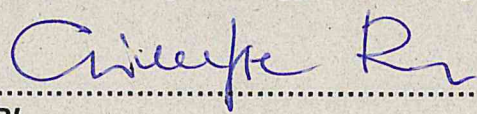
The summary table below has grouped the cases according to species so if you wish to refer back to a particular case, please check the case number carefully at the top of the table.

Thank you.

Date: 04/06/2021


Cristina Casalone.....
*Referent for Confirmatory tests, Histopathology and
immunohistochemistry within the TSE EURL at IZSPLVA*


Barbara Iulini.....
Veterinary pathologist of Neuropathology Laboratory at IZSPLVA Italy


Giuseppe Ru.....
Director of TSE EURL

Case number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Test Type	IHC	H&E	IHC	IHC	IHC	IHC	IHC	H&E	IHC	IHC	IHC	IHC	IHC	H&E	IHC
Gold standard result	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
Species	Ov	Bov	Ov	Ov	Ov	Ov	Ov	Ov	Ov	Ov	Bov	Ov	Bov	Bov	Ov
IHC result of all H&E sections															
User ID															
168	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
172	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
184	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
227	Pos-C	Inc	Neg	Inc	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
232	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
238	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
261	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
288	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
307	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Inc
346	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
393	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
403	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
494	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
523	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
530	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
546	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
547	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
574	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
627	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
663	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
668	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
683	Pos-C	Neg	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Inc
685	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
710	Pos-C	Inc	Neg	Pos-C	Inc	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
729	Pos-C	Inc	Neg	Pos-C	Pos-C	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-C
743	Pos-C	Inc	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Inc
745	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
808	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
822	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
863	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Neg
924	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A
962	Pos-C	Pos	Neg	Pos-C	Pos-A	Neg	Pos-C	Inc	Neg	Pos-C	Neg	Pos-C	Pos	Neg	Pos-A

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Histopathology and immunohistochemistry interpretation EQA 2020
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Slide review form

Observer ID:	
Date of EQA round:	
Case number:	
Original observer result:	
Intended (gold standard) result:	
Date of review:	
Further observer comments following review:	