



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: December 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 2021 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 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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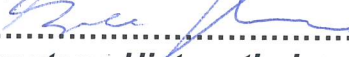
Istituto Superiore di Sanità – Roma

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: 21/02/2022


Barbara Iulini.....
Referent for Confirmatory Histopathology and Immunohistochemistry
tests .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	IHC	IHC	IHC	H&E	IHC	IHC	H&E	IHC	IHC	IHC	IHC	IHC	IHC	
Gold standard result	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	H&E
Species	Ov	Ov	Ov	Ov	Bov	Ov	Ov	Bov	Ov	Ov	Bov	Ov	Bov	Ov	Ov
IHC result of all H&E sections															
User ID															
099	Pos-C	Pos-A	Inc	Pos-C	Neg	Inc	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
126	Pos-C	Pos-A	Neg	Pos-C	Neg	Inc	Pos-C	Pos	Inc	Pos-A	Inc	Pos-C	Pos	Neg	Pos
140	Pos-C	Pos-A	Inc	Pos-C	Neg	Inc	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
168	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
172	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-C	Neg	Pos-C	Pos	Neg	Pos
184	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-C	Neg	Pos-C	Pos	Neg	Pos
227	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
232	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
261	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
288	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
307	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
346	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
364	Pos-C	Pos-A	Inc	Pos-C	Neg	Inc	Pos-C	Pos	Pos-A	Pos-A	Inc	Pos-A	Pos	Inc	Pos
393	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Inc	Inc	Pos-C	Pos	Neg	Pos
403	Pos-C	Pos-A	Uns	Pos-C	Neg	Uns	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Uns	Pos
494	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
523	Pos-C	Pos-A	Inc	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-C	Inc	Pos-C	Pos	Neg	Pos
530	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
546	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
547	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
574	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
627	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
663	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Neg	Pos	Neg	Pos
668	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
683	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
685	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
710	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Inc	Inc	Pos-C	Pos	Neg	Pos
729	Pos-C	Pos-A	Neg	Pos-C	Neg	Inc	Pos-C	Inc	Pos-C	Pos-C	Inc	Pos-C	Pos	Neg	Inc
743	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
745	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-C	Neg	Pos-C	Pos	Neg	Pos
808	Pos-C	Pos-A	Inc	Pos-C	Neg	Inc	Pos-C	Pos	Pos-C	Pos-C	Neg	Pos-C	Pos	Neg	Pos
822	Pos-C	Pos-A	Neg	Pos-C	Neg	Inc	Pos-C	Inc	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos
863	Pos-C	Pos-A	Neg	Pos-C	Neg	Inc	Pos-C	Inc	Pos-C	Pos-A	Neg	Pos-C	Pos	Neg	Pos
924	Pos-C	Pos-A	Neg	Pos-C	Neg	Inc	Pos-C	Pos	Pos-C	Inc	Inc	Pos-C	Pos	Neg	Pos
962	Pos-C	Pos-A	Neg	Pos-C	Neg	Neg	Pos-C	Pos	Pos-C	Pos-A	Inc	Pos-C	Pos	Neg	Pos

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Histopathology and immunohistochemistry interpretation EQA 2021**Distribution December 2021****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:	