ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE, LIGURIA E VALLE D'AOSTA					VR-EPL-0004-14D - TORINO
Results Tabulation for Confirmatory Immunoblot test					
MADE UP	ABBOTT	EXPIRY	10/01	CONFIRMATION	
PROVIP	1000000	Positive 1:20 x		DATA	

TSE EURL
Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta - Torino
Istituto Superiore di Sanità - Roma

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB22 Report No. 0W2023 Distribution date: 21-22 November 2022

BLOT											Sample No. WB2201			Sample No. WB2202			Sample No. WB2203			Sample No. WB2204			Sample No. WB2205		
	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Expiry date	Positive Control result	Negative Control result	Positive Cut Off value	Method details	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation
Intended											**negative**	**///**	**///**	**positive**	**///**	**medium positive**	**positive**	**///**	**strong positive**	**negative**	**///**	**///**	**negative**	**///**	**///**
ID Lab.																									
496	TeSeE Western Blot Biorad	IH0040	01/01/2023	NuPage 12% Bis-Tris	21111070	11/01/2023	positive	negative	///	///	negative	///	negative	positive	///	medium positive	positive	///	strong positive	negative	///	negative	negative	///	negative
852	TeSeE Western Blot	2C0049	12/07/2023	in house	///	12/07/2023	positive	negative	///	///	negative	///	negative	positive	///	medium positive	positive	///	medium positive	negative	///	negative	negative	///	negative
808	TeSeE Western Blot Biorad	2H0050	28/12/2023	Criterion XT	64508950	13/09/2023	///	///	///	///	negative	///	negative	positive	///	medium positive	positive	///	strong positive	negative	///	negative	negative	///	negative
157	TeSeE Western Blot Biorad	2C0049	12/07/2023	BIORAD CRITERION XT	64471165	01/09/2023	positive	negative	///	///	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
871	SAF Western Blot	///	///	NuPage Invitrogen	22072011	16/11/2023	positive	negative	///	///	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
898	TeSeE Western Blot Biorad	2H0050	28/12/2023	criterion	64581147	03/08/2023	CQI Ok	///	///	Protocol corresponding to the recommendation of the kit	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
848	OIE-immunoblot	Not applicable	Not applicable	Self-Cast gel	///	///	positive	negative	///	OIE SAF Immunoblot (in-house method)	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
117	TeSeE Western Blot Biorad	IH0040	01/01/2023	CRITERION XT GEL	64461008	03/05/2023	///	///	///	///	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
748	TeSeE Western Blot Biorad	2H0050	28/12/2023	Criterion XT	64479016	12/04/2023	///	///	///	///	negative	///	negative	positive	///	///	positive	///	///	negative	///	negative	negative	///	///
328	SAF Immunoblot (in-house method)	///	///	NuPAGE 12% Invitrogen (Invitrogen)	21006670	05/12/2022	medium (classical BSE positive control)	BSE negative control	///	1ID0081B1	negative	///	negative	positive	///	medium positive	positive	///	strong positive	negative	///	negative	negative	///	negative
955	TeSeE Western Blot Biorad	IH0040	01/01/2023	4 - 15% Mini-PROTEAN® TGX™ Precast Protein Gels	64463144	31/04/2023	positive	negative	///	///	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
092	TeSeE Western Blot Biorad	2C0049	12/07/2023	12% Bis-Tris Gel	21101370	12/02/2023	positive	negative	///	AVS-0006	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
717	TeSeE Western Blot Biorad	IH0040	01/01/2023	12% Bis-Tris	22041172	10/08/2023	positive	negative	///	relatively weak signal	negative	///	negative	positive	///	weak positive	positive	///	medium positive	negative	///	negative	negative	///	negative
605	TeSeE Western Blot Biorad	2C0049	12/07/2023	Criterion XT	64464668	17/05/2023	PSS++ (1:10)	negative	///	2R201205-309 pdf	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
961	TeSeE Western Blot Biorad	IH0040	01/01/2023	Bio-Rad	64481668	15/06/2023	///	///	///	kit for confirmation of suspected TSE positive samples	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
342	TeSeE Western Blot Biorad	IH0040	01/01/2023	NuPAGE Invitrogen 12% Bis-Tris	22041173	10/09/2023	positive	negative	///	Confirmatory immunoblot	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
379	PrionHESTERN BSE	HV2022010	01/10/2021	NuPage	21101370	11/02/2023	Positive, strong cBSE and c16, weak atBSE	///	///	///	negative	///	negative	positive	///	medium positive	positive	///	medium/strong positive	negative	///	negative	negative	///	negative
224	TeSeE Western Blot Biorad	2F0046	20/04/2023	Bio-Rad TGX 12%	64480765	06/06/2023	positive	negative	NA	///	negative	///	negative	positive	///	strong positive	positive	///	strong positive	negative	///	negative	negative	///	negative
453	TeSeE Western Blot Biorad	IH0040	01/01/2023	Bio-Rad Criterion XT	64457416	12/07/2023	positive	negative	NA	According to the manufacturer's instructions	negative	///	///	positive	///	///	positive	///	///	negative	///	///	negative	///	///
730	TeSeE Western Blot Biorad	IH0040	01/01/2023	NuPAGE 12% Bis-Tris Gel	22012571	21/05/2023	///	///	///	///	negative	no signal	negative	positive	BSE	strong positive	positive	BSE	strong positive	negative	no signal	negative	negative	no signal	negative
293	TeSeE Western Blot Biorad	IH0040	01/01/2023	Home made	///	///	Positive	Negative	0,218	///	negative	negative	negative	positive	positive	strong positive	positive	positive	strong positive	negative	negative	negative	negative	negative	negative
139	TeSeE Western Blot In-vitro confirmation suspected TSE positive samples	2C0049	12/07/2023	Criterion	64492544	21/06/2023	internal control positive	internal control negative	///	PESIGABET-10	negative	///	negative	positive	Classical BSE	medium positive	positive	Classical BSE	strong positive	negative	///	negative	negative	///	negative

1st Alternative Test											Sample No. WB2201			Sample No. WB2202			Sample No. WB2203			Sample No. WB2204			Sample No. WB2205		
	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Expiry date	Positive Control result	Negative Control result	Positive Cut Off value	Method details	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation
Intended											**negative**	**///**	**///**	**positive**	**///**	**medium positive**	**positive**	**///**	**strong positive**	**negative**	**///**	**///**	**negative**	**///**	**///**
ID Lab.																									
157	HerdChek BSE/Scrapie Antigen Test Kit, IDA IDEXX	EU400	01/06/2023	///	///	///	3,986, 3,986	0,020, 0,021	0,143	Ultra short protocol was used	negative	0,024	negative	positive	3,969	strong positive	positive	3,969	strong positive	negative	0,024	negative	negative	0,031	negative
055	HerdChek BSE/Scrapie Antigen Test Kit, IDA IDEXX	EU 400	01/06/2023	///	///	///	Over 3,5, over 3,5	0,018,0,020	0,146	///	negative	0,016	negative	positive	over 3,5	strong positive	positive	over 3,5	strong positive	negative	0,023	negative	negative	0,03	negative
092	HerdChek BSE/Scrapie Antigen Test Kit, IDA IDEXX	EU400	01/06/2023	///	///	///	3,067	0,019	0,139	Short protocol AVS-1425	negative	0,023	negative	positive	3,725	strong positive	positive	3,039	strong positive	negative	0,02	negative	negative	0,018	negative
370	TeSeE Western Blot Biorad	2C0049	12/07/2023	12% Bis Tris NuPage	22801111	16/12/2023	positive, strong	negative	///	///	negative	///	negative	positive	cBSE	strong positive	positive	cBSE	strong positive	negative	///	negative	negative	///	negative
730	TeSeE SAF Combi test Biorad	2F0016	13/04/2023	///	///	///	2,850	0,012	0,222	///	negative	0,023	negative	positive	2,8	strong positive	positive	2,762	strong positive	negative	0,022	negative	negative	0,023	negative
139	HerdChek BSE/Scrapie Antigen Test Kit, IDA IDEXX	EU400	01/06/2023	///	///	///	Over3,418	0,041/0,022	0,1515	PESIGABET-04	negative	0,038 / 0,045	negative	positive	3,484 / Over	strong positive	positive	Over / Over	strong positive	negative	0,035 / 0,036	negative	negative	0,053 / 0,051	negative

2nd Alternative Test											Sample No. WB2201			Sample No. WB2202			Sample No. WB2203			Sample No. WB2204			Sample No. WB2205		
	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Expiry date	Positive Control result	Negative Control result	Positive Cut Off value	Method details	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation	Result	Characterisation	Interpretation
Intended											**negative**	**///**	**///**	**positive**	**///**	**medium positive**	**positive**	**///**	**strong positive**	**negative**	**///**	**///**	**negative**	**///**	**///**
ID Lab.																									
378	HerdChek BSE/Scrapie Antigen Test Kit, IDA IDEXX	OU304	15/03/2023	///	///	///	3,602, 3,634	0,030, 0,020	0,1505	///	negative	0,026	negative	positive	3,94	strong positive	positive	3,671	strong positive	negative	0,020	negative	negative	0,027	negative
129	TeSeE SAF Combi test Biorad	2H0057	21/05/2023	///	///	///	1,994 /1,991	0,007/0,0045,01 0/0,005	0,215	PESIGABET-03	negative	0,016 / 0,009	negative	positive	2,219 / 2,302	medium positive	positive	2,022 / 2,025	strong positive	negative	0,008 / 0,003	negative	negative	0,008 / 0,004	negative

Comments provided by Pier Luigi Acutis, IZSPLVA - Turin (pierluigi.acutis@izsto.it)

Sample WB2201 = Sample WB2204 = Sample WB2105.

WB2201 - BSE negative tissue homogenate
All laboratories reported the correct result

WB2202 - BSE positive tissue homogenate - medium positive
All laboratories reported the correct result

WB2203 - BSE positive tissue homogenate - strong positive
All laboratories reported the correct result

WB2204 - BSE negative tissue homogenate
All laboratories reported the correct result

WB2105 - BSE negative tissue homogenate
All laboratories reported the correct result

In summary all laboratories have passed this PT round. Well done.

Please remind that, according to Reg. 999/2001 (EC), rapid tests may be used for both primary screening of suspect cases and, if inconclusive or positive, for subsequent confirmation.* criterion * provided that
i) criterion *
ii) one of the two rapid tests is a Western blot

The information contained in this Report must be considered confidential

Date: 8/05/2023

Dr. Giuseppe Ru, Director of TSE EURL

Dr. Elena Bozzetta, Coordinator of TSE EURL

END OF REPORT

Copia conforme