

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 1 di 8	DATA:



TSE EURL
Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta - Turin
[Istituto Superiore di Sanità - Rome](#)

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

Table 1. General information about 'routine' methods applied by the participants in the WB24 PT

NRL ID code	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Exp. date	Positive Control 1 result	Positive Control 2 result	Negative Control 1 result	Negative Control 2 result	Negative Control 3 result	Negative Control 4 result	Positive Cut Off value
052	TeSeE Western Blot	3M0054	09/04/2025	-	-	-	Positive	ELISA: 3.249 and 3.268	Negative	ELISA: 0.007, 0.007, 0.011, 0.008, 0.008	ELISA: 0.007, 0.011, 0.008, 0.008	ELISA: 0.007, 0.011, 0.008, 0.008	-
055	TeSeE Western Blot	4J0055	29/10/2025	4–15% Mini-PROTEAN® TGX™ Precast Protein Gels	64635351	02/09/2025	Positive	Positive	Negative	None	None	None	None
092	TeSeE Western Blot	-	-	-	-	-	Positive	Positive	Negative	Negative	Negative	Negative	NA
117	TeSeE Western Blot	4J0055	29/10/2025	CRITERION XT PRECAST GEL	64633691	20/08/2025	NONE	NONE	NONE	NONE	NONE	NONE	-
157	TeSeE Western Blot	3J0053	22/01/2025	XT Criterion	64584681	14/11/2024	Positive	Positive	Negative	Negative	Negative	Negative	-
224	TeSeE Western Blot	3G0129	22/01/2025	Bio-Rad TGX 12%	64441057	24/02/2025	Positive	NA	Negative	NA	NA	NA	-
239	TeSeE Western Blot	3J0053	22/01/2025	-	24062610	24/10/2025	Positive	Positive	Negative	Negative	-	-	-
283	TeSeE Western Blot	3M0054	09/04/2025	Home made	-	-	2.038	1.983	0.008	0.008	0.013	0.006	0.196-0.217
292	TeSeE Western Blot	3M0054	09/04/2025	10 wells NuPage (Invitrogen)	24051311	10/09/2025	BSE-C WB signal	No 2nd positive control was used	No WB signal	No 2nd negative control was used	No 3rd negative control was used	No 4th negative control was used	-
342	TeSeE Western Blot	3J0053	22/01/2025	NuPAGE Invitrogen 12% Bis-Tris	24032510	23/07/2025	Positive	Positive	Negative	Negative	Negative	Negative	-
495	TeSeE Western Blot	3J0053	22/01/2025	NuPage Bis-Tris 12%	23090571	02/01/2025	Positive	-	Negative	-	-	-	-

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 2 di 8	DATA:



TSE EURL
Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta – Turin
[Istituto Superiore di Sanità - Rome](#)

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

NRL ID code	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Exp. date	Positive Control 1 result	Positive Control 2 result	Negative Control 1 result	Negative Control 2 result	Negative Control 3 result	Negative Control 4 result	Positive Cut Off value
633	TeSeE Western Blot	4J0055	29/10/2025	CriterionTM XT Precast Gel	64617220	21/05/2025	2.097	2.279	0.011	0.014	0.010	0.100	0.199
648	in House SAF-(OIE) Immunoblot	NA	-	Self-cast Gel	NA	30/12/2064	Positive	NA	Negative	NA	NA	NA	NA
717	TeSeE Western Blot	3J0053	22/01/2025	Nu PAGE 12% Bis-Tris Gel	24022770	26/06/2025	'+ve	'++ve	'-ve	'-ve	'-ve	'-ve	none
730	TeSeE Western Blot	4J0055	29/10/2025	NuPAGE 12% Bis-Tris Gel	24011711	16/05/2025	3.408	9.000	0.023	0.017	0.020	0.022	0.230
748	TeSeE Western Blot	-	-	-	-	-	Positive	Positive	Negative	Negative	Negative	Negative	NA
792	SAF-Immunoblot (in-house method)	-	-	Nu-PAGE 12% minigel (Invitrogen)	24022210	21/06/2025	Positive	NA	Negative	NA	NA	NA	NA
899	TeSeE Western Blot	3J0053	22/01/2025	Criterion	64626103	14/07/2025	Valid	Positivity and profile	No negative control	No negative control	No negative control	No negative control	
991	TeSeE Western Blot	4J0055	29/10/2025	BioRad	64607421	25/03/2025	-	-	-	-	-	-	-
605 196 (*)	TeSeE Western Blot	4J0055	29/10/2025	GEL CRITERION XT	64626103	15/07/2025	2.925	2.928	0.023	0.025	-	-	0.144

ISTITUTO ZOOPROFILATTICO SPERIMENTALE DEL PIEMONTE, LIGURIA E VALLE D'AOSTA VIA BOLOGNA 148 - TORINO			
Results Tabulation for Confirmatory Immunoblot test			
MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 3 di 8	DATA:



TSE EURL

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

Istituto Superiore di Sanità - Rome

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

Table 2. General information about '1st alternative' methods applied by the participants in the WB24 PT

NRL ID code	Test Method used	Kit Batch Number	Kit Expiry Date	Gel Type	Gel Batch Number	Gel Expiry date	Positive Control 1 result	Positive Control 2 result	Negative Control 1 result	Negative Control 2 result	Negative Control 3 result	Negative Control 4 result	Positive Cut Off value
792	TeSeE Western Blot	3J0053	22/01/2025	Nu-PAGE 12% minigel (Invitrogen)	24022210	21/06/2025	Positive	NA	Negative	NA	NA	NA	NA

Table 4. Results submitted by the participants in the WB24 PT applying 'routine' methods

NRL ID code	Test Method used	WB2401 Interpretation	WB2401 Characterization	WB2402 Interpretation	WB2402 Characterization	WB2403 Interpretation	WB2403 Characterization	WB2404 Interpretation	WB2404 Characterization	WB2405 Interpretation	WB2405 Characterization
Intended ---->		Negative bovine tissue homogenate		Negative bovine tissue homogenate		C-positive bovine tissue homogenate		Negative bovine tissue homogenate		Negative bovine tissue homogenate	
052	TeSeE Western Blot	negative	0.026	negative	0.023	Strong positive	2.251	negative	0.020	negative	0.021
055	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
092	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 4 di 8	DATA:



TSE EURL

Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta – Turin
[Istituto Superiore di Sanità - Rome](#)

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

NRL ID code	Test Method used	WB2401 Interpretation	WB2401 Characterization	WB2402 Interpretation	WB2402 Characterization	WB2403 Interpretation	WB2403 Characterization	WB2404 Interpretation	WB2404 Characterization	WB2405 Interpretation	WB2405 Characterization
Intended --->		Negative bovine tissue homogenate		Negative bovine tissue homogenate		C-positive bovine tissue homogenate		Negative bovine tissue homogenate		Negative bovine tissue homogenate	
117	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
157	TeSeE Western Blot	negative	0.031	negative	0.028	Strong positive	3.999	negative	0.033	negative	0.033
224	TeSeE Western Blot	negative	-	negative	-	Medium positive	-	negative	-	negative	-
239	TeSeE Western Blot	negative	-	Medium positive	-	negative	-	negative	-	negative	-
283	TeSeE Western Blot	negative	0.017	negative	0.017	Medium positive	1.902	negative	0.015	negative	0.015
292	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
342	TeSeE Western Blot	negative	-	negative	-	Medium positive	-	negative	-	negative	-
495	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
633	TeSeE Western Blot	Weak positive	-	negative	-	Medium positive	-	negative	-	negative	-

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 5 di 8	DATA:



TSE EURL

Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta – Turin
[Istituto Superiore di Sanità - Rome](#)

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

NRL ID code	Test Method used	WB2401 Interpretation	WB2401 Characterization	WB2402 Interpretation	WB2402 Characterization	WB2403 Interpretation	WB2403 Characterization	WB2404 Interpretation	WB2404 Characterization	WB2405 Interpretation	WB2405 Characterization
Intended --->		Negative bovine tissue homogenate		Negative bovine tissue homogenate		C-positive bovine tissue homogenate		Negative bovine tissue homogenate		Negative bovine tissue homogenate	
648	in House SAF-(OIE) Immunoblot	negative	-	negative	-	Medium positive	-	negative	-	negative	-
717	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
730	TeSeE Western Blot	negative	-	negative	-	Weak positive	-	negative	-	negative	-
748	TeSeE Western Blot	negative	-	negative	-	Medium positive	-	negative	-	negative	-
792	SAF-Immunoblot (in-house method)	negative	-	negative	-	Strong positive	-	negative	-	negative	-
899	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-
991	TeSeE Western Blot	negative	-	negative	-	Medium positive	-	negative	-	negative	-
605 196 (*)	TeSeE Western Blot	negative	0.024	negative	0.023	Strong positive	2.908	negative	0.022	negative	0.027

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 6 di 8	DATA:



TSE EURL
Istituto Zooprofilattico Sperimentale del
Piemonte, Liguria e Valle d'Aosta – Turin
[Istituto Superiore di Sanità](#) - Rome

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

Table 5. Results submitted by the participants in the WB24 PT applying '1st alternative' methods

NRL ID code	Test Method used	WB2401 Interpretation	WB2401 Characterisation	WB2402 Interpretation	WB2402 Characterisation	WB2403 Interpretation	WB2403 Characterisation	WB2404 Interpretation	WB2404 Characterisation	WB2405 Interpretation	WB2405 Characterisation
Intended -->		Negative bovine tissue homogenate		Negative bovine tissue homogenate		C- positive bovine tissue homogenate		Negative bovine tissue homogenate		Negative bovine tissue homogenate	
792	TeSeE Western Blot	negative	-	negative	-	Strong positive	-	negative	-	negative	-

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 7 di 8	DATA:



TSE EURL

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

Istituto Superiore di Sanità - Rome

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

Comments provided by Maria Mazza, IZSPLVA - Turin (maria.mazza@izsplv.it)

WB2401 - Negative bovine tissue homogenate

All laboratories reported the correct result except the laboratory 633 that interpreted it as positive.

WB2402 - Negative bovine tissue homogenate

All laboratories reported the correct result except the laboratory 239 that interpreted it as positive.

WB2403 - C-positive bovine tissue homogenate

All laboratories reported the correct result, except the laboratory 239 that interpreted it as negative.

WB2404 - Negative bovine tissue homogenate

All laboratories reported the correct result.

WB2405 - Negative bovine tissue homogenate

All laboratories reported the correct result.

- ✚ The laboratory 239 did not pass the first round whereas the laboratory 633 did not pass both the first and the second round.
- ✚ The laboratory 450 submitted the results after the deadline and so they are not included in this report.
- ✚ (*) The laboratory 605 entered the incorrect ID code instead of the correct code 196.
- ✚ The laboratory 052 did not provide information on the gel used for this PT.
- ✚ The Laboratories 092 and 748 did not report any information on the kit and gel used for this PT.
- ✚ The laboratory 117 did not use any control sample for the analysis.

Remarks - It is requested that the results are submitted by the scheduled deadline. If this is not possible for serious reasons, please notify EURL TSE staff immediately by e-mail. It is strongly recommended that all required data are entered into the form when submitting results. First and second test results alternative to the routine method should be submitted by filling out a second or third form, respectively.

Results Tabulation for Confirmatory Immunoblot test

MOD. N°	40IZ477	ED/REV. 00/01	STRUTTURA/UO:
PGS. N°	10DG010	PAGINA 8 di 8	DATA:



TSE EURL

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

[Istituto Superiore di Sanità](#) - Rome

PROFICIENCY TESTING FOR VETERINARY LABORATORIES

Results Tabulation for Confirmatory Immunoblot test- Scheme: WB24	Report No. 03/2025	Distribution date: 2 nd - 3 rd December 2024
---	--------------------	--

Conclusions provided by Maria Mazza, IZSPLVA - Turin (maria.mazza@izsplv.it)

In summary, all laboratories have passed this PT in the first round, except:

- laboratory 239 that passed the second round.
- laboratory 633: Unfortunately, laboratory 633 failed this PT in both the first and second round. This laboratory has already been contacted by EURL TSE to evaluate and address the reasons for these non-compliant results for both rounds.

The information contained in this Report must be considered confidential

Date: 24th March 2025

Dr. Elena Bozzetta, Coordinator of TSE EURL

Dr. Giuseppe Ru, Director of TSE EURL

Elena Bozzetta

END OF REPORT

Copia controllata