

WISCONSIN VETERINARY DIAGNOSTIC LAB

WVDL-BARRON

UNIVERSITY OF WISCONSIN

1521 E. GUY AVE (PO Box 97)

BARRON, WI 54812

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Report Print Date

May-15-2024 2:10:51 pm

Owner: PETER, JODY
N3155 HWY A
FORT ATKINSON, WI 53538

Accession Number: B24-12394
Reference Number:
Case Coordinator: DR DONALD SOCKETT

To: DR BRIAN J PULKRABEK
JEFFERSON VET CLINIC S.C.
959 WEST RACINE STREET
JEFFERSON, WI 53549

Received: 04/17/2024
Sampled: 04/15/2024
Finalized: 05/15/2024

Phone: (920) 674-2383
Fax: (920) 674-3250

Addended Report

Acsn History: Per TC request from Dr. Brian Pulkrabek, we are to add CAE testing to each of the samples. Per Serology staff there was enough sample to run the test. JLF 05.09.2024

SEROLOGY RESULTS**CAEV ELISA**

<u>ANIMAL ID</u>	<u>SPECIMEN ID</u>	<u>SPECIMEN DESC</u>	<u>% INHIBITION</u>	<u>CAEV</u>
840003241353930 TANSY	B24-12394-1-1	SERUM	4.083	NEGATIVE
840003250727270 FLOWER	B24-12394-2-1	SERUM	2.257	NEGATIVE
810003207873848 LUNA	B24-12394-3-1	SERUM	1.003	NEGATIVE
840003250727286 STELLA	B24-12394-4-1	SERUM	0.458	NEGATIVE
5 35EFX7383 GUNNER	B24-12394-5-1	SERUM	4.007	NEGATIVE
6 35EFG7186 ZEUS	B24-12394-6-1	SERUM	-0.567	NEGATIVE

CAE/OPP ELISA

The VMRD Small Ruminant Lentivirus (SRLV) antibody test kit is a competitive, enzyme-linked, immunosorbent assay (cELISA) that detects antibodies to caprine arthritis encephalitis virus (CAEV) in goat sera or ovine progressive pneumonia virus (OPPV)/Maedi-Visna virus in sheep sera. Samples are reported as percent inhibition (PI) in sera. The PI for positive animals is $\geq 35\%$. The manufacturer reports a sensitivity of 100% and specificity of 99.6% for CAEV antibodies and a sensitivity of 95% and specificity of 98.4% for OPPV antibodies. Low positive samples should be interpreted with caution. It is recommended to submit another sample in 30-45 days to confirm status of the animal. Positive animals should be retested in 14-30 days if the animal is of high value or a decision is made based solely on this result. The use of a different cut off is at the discretion of the submitter and is not recommend by VMRD.

For caprine/ovine serum samples:

PI & Interpretation Explanation & Recommendation

<35.00% PI

Negative Antibodies specific to SRLV in serum samples were not detected.

$\geq 35.00\%$ PI

Positive Antibodies specific to SRLV in serum samples were detected.

CL ELISA

<u>ANIMAL ID</u>	<u>SPECIMEN ID</u>	<u>SPECIMEN DESC</u>	<u>CLELISA</u>
840003241353930 TANSY	B24-12394-1-1	SERUM	NEGATIVE
840003250727270 FLOWER	B24-12394-2-1	SERUM	NEGATIVE
810003207873848 LUNA	B24-12394-3-1	SERUM	NEGATIVE

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SEROLOGY RESULTS (continued)**CL ELISA (continued)**

<u>ANIMAL ID</u>	<u>SPECIMEN ID</u>	<u>SPECIMEN DESC</u>	<u>CLELISA</u>
840003250727286 STELLA	B24-12394-4-1	SERUM	NEGATIVE
5 35EFX7383 GUNNER	B24-12394-5-1	SERUM	NEGATIVE
6 35EFG7186 ZEUS	B24-12394-6-1	SERUM	NEGATIVE

A "suspect" result signifies the sample is within the gray zone range. Per kit manufacturer, please re-bleed and resubmit the sample for confirmation testing.

THIS REPORT HAS BEEN AUTHORIZED BY DR. KEITH POULSEN, WVDL LABORATORY DIRECTOR

IF YOU HAVE QUESTIONS REGARDING THIS REPORT, PLEASE CONTACT US AT 800-771-8387

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FOLLOW US ON TWITTER: WWW.TWITTER.COM/WVDL_LAB

The results listed above supersede any corresponding results which may have been included in the following previous reports for this Accession:

- 05/15/2024 02:10 pm - Full Addended Accession Report. (DVM)

- 04/19/2024 12:14 pm - Full Final Accession Report. (DVM)