

Laboratory Report

Laboratory #:	485412	Call Name:	Dakota
Order #:	220948	Registered Name:	Dakota's Legacy
Ordered By:	Leon Miller	Breed:	Bernese Mountain Dog
Ordered:	Feb. 22, 2025	Sex:	Male
Received:	March 10, 2025	DOB:	Dec. 2023
Reported:	March 24, 2025	Registration #:	-

Results:

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy (Bernese Mountain Dog Variant)	<i>SOD1</i>	WT/WT	Normal (Clear)
Degenerative Myelopathy (Common Variant)	<i>SOD1</i>	WT/WT	Normal (Clear)
Von Willebrand Disease I	<i>VWF</i>	WT/WT	Normal (Clear)

WT, wild type (normal); M, mutant; Y, Y chromosome (male)

Interpretation:

Molecular genetic analysis was performed for three specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in three mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these three mutations.

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the diseases caused by or associated with the mutations tested. Because this dog is "clear" of these mutations, this dog will only pass the normal genes on to its offspring. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. Paw Print Genetics® has genetic counseling available to you at no additional charge to answer any questions about these test results, their implications and potential outcomes in breeding this dog.

Paw Print Genetics® performed the tests listed on this dog. The genes/diseases reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause medical problems or may be passed on to offspring. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s)' accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think any results are in error, please contact the laboratory immediately for further evaluation. In the event of a valid dispute of results claim, Paw Print Genetics will do its best to resolve such a claim to the customer's satisfaction. If no resolution is possible after investigation by Paw Print Genetics with the cooperation of the customer, the extent of the customer's sole remedy is a refund of the fee paid. In no event shall Paw Print Genetics be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within 60 days of the report of the test results.

Orthopedic Foundation for Animals
Preliminary Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

DAKOTA'S LEGACY
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

991003001158322
tattoo/microchip/DNA profile

2596704
application number

12/19/2024
date of report

WS82313202
registration no.

M
sex

12/09/2023
date of birth

12
age at evaluation in months

Owner

LEON MILLER
3779 TOWNSHIP RD 124
MILLERSBURG OH 44654

Veterinarian

TROY ANIMAL HOSPITAL
34 S WESTON ROAD
TROY OH 45373

Preliminary Elbow Dysplasia Evaluation Report

✓ negative for elbow dysplasia

L ✓ R ✓

ELBOW DYSPLASIA

GRADE I

L _____ R _____

GRADE II

L _____ R _____

GRADE III

L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)

L _____ R _____

united anconeal process (UAP)

L _____ R _____

fragmented coronoid process (FCP)

L _____ R _____

osteochondrosis

L _____ R _____

G.G. Keller DVM

G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



DAKOTA'S LEGACY
registered name

BERNESE MOUNTAIN DOG
breed

991003001158322
tattoo/microchip/DNA profile

2596704
application number

12/19/2024
date of report

RESULTS:

Normal cardiovascular examination via auscultation - No evidence of congenital or acquired heart disease was noted. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.

WS82313202
registration no.

M
sex

12/9/2023
date of birth

12
age at evaluation in months



A Not-For-Profit Organization

BMD-BCA2368/12M/S-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL/CLEAR - SPECIALIST

owner

LEON MILLER
3779 TOWNSHIP RD 124
MILLERSBURG, OH 44654

OFA Certificate



Verify with QR Scan

G.G. Keller, D.V.M.

G.G.KELLER, D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

DAKOTA'S LEGACY
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

991003001158322
tattoo/microchip/DNA profile

2596704
application number

06/19/2025
date of report

RESULTS:

Based upon the exam dated 05/09/2025, this dog has been found to be free of observable inherited eye disease and has been issued an Eye Certification Registry Number which is valid for one year from the time of the exam.

WS82313202
registration no.

M
sex

12/09/2023
date of birth

17
age at evaluation in months



A Not-For-Profit Organization

BMD-EYE4943/17M-VPI
O.F.A. NUMBER

*This number issued with the right to correct or
revoke by the Orthopedic Foundation for Animals.*

NORMAL

owner
LEON MILLER
3779 T.R. 124
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. Keller, DVM

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CHIEF OF VETERINARY SERVICES

www.ofa.org

This electronic OFA certificate was generated on: 06/19/2025

This certification can be verified on the OFA website by entering the dog's registration number into the orange search box located at the top of the page or by scanning the QR code above.

If there are any errors on this certificate, please email **CORRECTIONS@OFA.ORG** to request a correction.

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