

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

956000017625642
tattoo/microchip/DNA profile

2628005
application number

05/15/2026
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.

WS85887101
registration no.

F
sex

11/21/2024
date of birth

17
age at evaluation in months



A Not-For-Profit Organization

BMD-BCA3121/17F/C-VPI
O.F.A. NUMBER

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

NORMAL/CLEAR - CARDIOLOGIST

owner
ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

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

www.ofa.org

This electronic OFA certificate was generated on: 05/15/2026

This certification can be verified on the OFA website by entering the animal'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.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@ofa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

1015598
film/test/lab #

956000017625642
tattoo/microchip/DNA profile

2628005
application number

05/20/2025
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.

WS85887101
registration no.

F
sex

11/21/2024
date of birth

5
age at evaluation in months



A Not-For-Profit Organization

BMD-EYE4872/5F-VPI
O.F.A. NUMBER

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NORMAL

owner
ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. Keller, DVM

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

503821
film/test/lab #

956000017625642
tattoo/microchip/DNA profile

2628005
application number

05/20/2026
date of report

RESULTS:

DEGENERATIVE MYELOPATHY (DM): N/N, TWO NORMAL COPIES OF THE GENE ASSOCIATED WITH DM SUSCEPTIBILITY

These results are based on the GENSOL DIAGNOSTICS laboratory report and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

owner
ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654



WS85887101
registration no.

F
sex

11/21/2024
date of birth

14
age at evaluation in months



A Not-For-Profit Organization

BMD-DM3719/14F-PI
O.F.A. NUMBER

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OFA eCert



Verify QR scan

G.G. Keller DVM

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CHIEF OF VETERINARY SERVICES

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

503821
film/test/lab #

956000017625642
tattoo/microchip/DNA profile

2628005
application number

05/20/2026
date of report

RESULTS:

Degenerative Myelopathy B (DMB): Clear/Normal for the SOD1B Mutation

These results are based on the GENSOL DIAGNOSTICS laboratory report and the owner's certification that the sample provided was from the animal described above. The OFA registers these lab results, but cannot warrant the accuracy of the lab results.

owner
ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

WS85887101
registration no.

F
sex

11/21/2024
date of birth

14
age at evaluation in months



A Not-For-Profit Organization

BMD-DMB583/14F-PI
O.F.A. NUMBER

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G.G. Keller DVM

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CHIEF OF VETERINARY SERVICES

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

503821
film/test/lab #

956000017625642
tattoo/microchip/DNA profile

2628005
application number

05/20/2026
date of report

RESULTS:

VON WILLEBRAND'S (VWD): N/N CLEAR

WS85887101
registration no.

F
sex

11/21/2024
date of birth

14
age at evaluation in months



A Not-For-Profit Organization

BMD-VW1749/14F-PI
O.F.A. NUMBER

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owner
ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. Keller DVM

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Orthopedic Foundation for Animals
Preliminary Hip Dysplasia Evaluation Report



A Not-for-Profit
Organization

NORTHSTAR'S IVORY QUINN
registered name

BERNESE MOUNTAIN DOG
breed

film/test/lab #

956000017625642

tattoo/microchip/DNA profile

2628005

application number

06/30/2025

date of report

WS85887101

registration no.

F

sex

11/21/2024

date of birth

6

age at evaluation in months

Owner

ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

Veterinarian

SINN VETERINARY SERVICES
55854 703 RD
MAHASKA KS 66955

Preliminary Hip Dysplasia Evaluation Report

No radiographic evidence of hip dysplasia is present. The consensus evaluation is: GOOD

EXCELLENT HIP JOINT CONFORMATION

superior hip joint conformation as compared with other individuals of the same breed and age

GOOD HIP JOINT CONFORMATION

well formed hip joint conformation as compared with other individuals of the same breed and age

FAIR HIP JOINT CONFORMATION

minor irregularities of the hip joint conformation as compared with other individuals of the same breed and age

BORDERLINE HIP JOINT CONFORMATION

marginal hip joint conformation of indeterminate status with respect to hip dysplasia at this time -- Repeat study in six months

MILD HIP DYSPLASIA

radiographic evidence of minor dysplastic changes of the hip joints

MODERATE HIP DYSPLASIA

well defined radiographic evidence of dysplastic changes of the hip joints

SEVERE HIP DYSPLASIA

radiographic evidence of marked dysplastic changes of the hip joints

RADIOGRAPHIC FINDINGS

- _____ subluxation
- _____ remodeling of femoral head/neck
- _____ osteoarthritis/degenerative joint disease
- _____ shallow acetabula
- _____ acetabular rim/edge change

- _____ unilateral _____ left _____ right
- _____ transitional vertebra
- _____ spondylosis
- _____ panosteitis

G.G. Keller, DVM

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CHIEF OF VETERINARY SERVICES

Orthopedic Foundation for Animals
Preliminary Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

NORTHSTAR'S IVORY QUINN
registered name

WS85887101
registration no.

BERNESE MOUNTAIN DOG
breed

F
sex

11/21/2024
date of birth

6
age at evaluation in months

film/test/lab #

956000017625642

tattoo/microchip/DNA profile

2628005

application number

06/30/2025

date of report

Owner

ALLEN BURKHOLDER
6119 TOWNSHIP RD 363
MILLERSBURG OH 44654

Veterinarian

SINN VETERINARY SERVICES
55854 703 RD
MAHASKA KS 66955

Preliminary Elbow Dysplasia Evaluation Report

✓ negative for elbow dysplasia

L ✓ R ✓

ELBOW DYSPLASIA

GRADE I
GRADE II
GRADE III

L _____ R _____
L _____ R _____
L _____ R _____

RADIOGRAPHIC FINDINGS

degenerative joint disease (DJD)
united anconeal process (UAP)
fragmented coronoid process (FCP)
osteochondrosis

L _____ R _____
L _____ R _____
L _____ R _____
L _____ R _____

G.G. Keller, DVM

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CHIEF OF VETERINARY SERVICES



Micah Halpern
Micah Halpern, PhD
Principal Scientist

Mary Simonson
Mary Simonson
Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

503821

OWNER'S NAME: ALLEN BURKHOLDER
PET'S NAME*: IVORY QUINN
PET'S REGISTRATION #: NOT PROVIDED
PET'S BREED: BERNESE MOUNTAIN DOG
DATE TESTED: 2/3/2026

TEST	RESULT**	TEST RESULT EXPLANATION***
Degenerative Myelopathy (DM)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy.
SOD1B Degenerative Myelopathy (SOD1B)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop degenerative myelopathy due to this mutation.
Von Willebrand's Disease Type I (VWD1)	A	(CLEAR/NORMAL): These dogs have two copies of the normal gene and will not develop von Willebrand's type I disease.

*GenSol warrants its test results to be accurate for the sample obtained from the above pet. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. IN NO EVENT SHALL GENSOL BE LIABLE FOR INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES OF ANY KIND. Any claim must be asserted within one year of the report of test results.

**All samples submitted to GenSol become the property of GenSol and may be used for internal quality control and/or research purposes. Test results provide information concerning a pet's DNA sequence and are not an indication or guarantee of pet's disease state or condition. Test results alone should not be used to diagnosis, treat or prevent disease.

***For detailed result explanation visit www.gensoldx.com. Please consult a licensed veterinarian to discuss the implications.

125 North Main Street Unit 1846, Clayton, GA 30525
1-844-369-3686 - info@Gensoldx.com - www.gensoldx.com

FAST - ACCURATE - AFFORDABLE