

*Dennis B. Sprung*

Dennis B. Sprung  
President and Chief Executive Officer

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Please separate below and keep for your records.

## AMERICAN KENNEL CLUB

NAME

MARTINS LEWIS

NUMBER

WS78650306

BREED

BERNESE MOUNTAIN DOG

SEX

MALE

COLOR

BLACK TAN & WHITE

DATE OF BIRTH

NOVEMBER 2, 2022

SIRE

DUTCH MAID NORTHSTAR'S ZOLTAN  
WS52336107 07-17 (AKC DNA #V819734)

DAM

MARTIN'S LEXI  
WS63858307 11-20 (AKC DNA #V10108962)

BREEDER

MICHAEL R MARTIN

OWNER

ADEN MILLER  
4503 TOWNSHIP ROAD 606  
FREDERICKSBURG OH 44627-9604



AMERICAN  
KENNEL CLUB®

CERTIFICATE ISSUED

JUNE 5, 2024

*This certificate invalidates all previous certificates issued.*

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

**For Transfer Instructions, see back of Certificate.**

*This Certificate issued with the right to correct or revoke by the American Kennel Club.*

## REGISTRATION CERTIFICATE

*Micah Halpern*  
Micah Halpern, PhD  
Principal Scientist

*Mary Simonson*  
Mary Simonson  
Laboratory Manager

**CERTIFICATE OF RESULTS FOR SAMPLE ID #:**

435539

**OWNER'S NAME:** MICHAEL MARTIN  
**PET'S NAME\*:** LEWIS  
**PET'S REGISTRATION #:** 985141006062932  
**PET'S BREED:** BERNESE MOUNTAIN DOG  
**DATE TESTED:** 3/5/2024

TEST	RESULT**	TEST RESULT EXPLANATION***
Von Willebrand's Disease Type I (VWDI)	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](http://www.gensoldx.com). Please consult a licensed veterinarian to discuss the implications.

Orthopedic Foundation for Animals  
Preliminary Hip Dysplasia Evaluation Report



LEWIS  
registered name

BERNESE MOUNTAIN DOG  
breed

film/test lab #

985141006062932  
tattoo/microchip/DNA profile

2522038  
application number

02/15/2024  
date of report

WS78650306  
registration no.

M  
sex

11/02/2022  
date of birth

15  
age at evaluation in months

**Veterinarian**

KEOTA VETERINARY CLINIC  
102 E BROADWAY; PO BOX 347  
KEOTA IA 52248

**Owner**

MICHAEL MARTIN  
3102 305TH ST  
PARNELL IA 52325

Preliminary Hip Dysplasia Evaluation Report

**EXCELLENT HIP JOINT CONFORMATION**

superior 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

**GOOD HIP JOINT CONFORMATION**

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

**MILD HIP DYSPLASIA**

radiographic evidence of minor dysplastic changes of the hip joints

**FAIR HIP JOINT CONFORMATION**

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

**MODERATE HIP DYSPLASIA**

well defined radiographic evidence of 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*

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



Micah Halpern, PhD  
Principal Scientist

Mary Simonson  
Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

435537

OWNER'S NAME: MICHAEL MARTIN  
PET'S NAME\*: LEWIS  
PET'S REGISTRATION #: 985141006062932  
PET'S BREED: BERNESE MOUNTAIN DOG  
DATE TESTED: 3/5/2024

TEST	RESULT**	TEST RESULT EXPLANATION***
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.

\*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.

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

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1-844-369-3686 - info@Gensoldx.com - www.gensoldx.com

FAST - ACCURATE - AFFORDABLE



Micah Halpern, PhD  
Principal Scientist

Mary Simonson  
Laboratory Manager

CERTIFICATE OF RESULTS FOR SAMPLE ID #:

435538

OWNER'S NAME: MICHAEL MARTIN  
PET'S NAME\*: LEWIS  
PET'S REGISTRATION #: 985141006062932  
PET'S BREED: BERNESE MOUNTAIN DOG  
DATE TESTED: 3/5/2024

TEST	RESULT**	TEST RESULT EXPLANATION***
Degenerative Myelopathy (DM)	B	(CARRIER/NOT AFFECTED): These dogs have one copy of the normal gene and one copy of the mutation associated with this disease. It is very unlikely these dogs will develop degenerative myelopathy.

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