

## Canine Genetic Health Certificate™

**Call Name:** Ember  
**Registered Name:** -  
**Breed:** Bernese Mountain Dog  
**Sex:** Female  
**DOB:** Dec. 2020

**Laboratory #:** 287537  
**Registration #:** -  
**Certificate Date:** Feb. 18, 2022

### This canine's DNA showed the following genotype(s):

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	SOD1	WT/M	Carrier
Degenerative Myelopathy (Bernese Mountain Dog Type)	SOD1	WT/WT	Normal (clear)
Von Willebrand Disease I	VWF	WT/WT	Normal (clear)

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



**Helen F Smith, PhD**  
 Associate Laboratory Director



**Christina J Ramirez, PhD, DVM, DACVP**  
 Medical Director

Paw Print Genetics® performed the testing on the dog listed on this certificate. See the Laboratory Report for interpretation and recommendations based on these findings. 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 these 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. Genetic counseling is available at Paw Print Genetics.

Orthopedic Foundation for Animals  
Hip Dysplasia Evaluation Report



A Not-for-Profit  
Organization

HEMI'S EMBER

registered name

BERNESE MOUNTAIN DOG

breed

film/test/lab #

991008000944878

tattoo/microchip/DNA profile

2292354

application number

09/15/2021

date of report

WS71327401

registration no.

F

sex

12/17/2020

date of birth

8

age at evaluation in months

Owner

LEON MILLER

5559 T.R. 127

MILLERSBURG OH 44654

Veterinarian

TROY ANIMAL HOSPITAL

34 S WESTON ROAD

TROY OH 45373

Preliminary Hip Dysplasia Evaluation Report

✓

**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 pathology \_\_\_\_\_ left \_\_\_\_\_ right
- \_\_\_\_\_ transitional vertebra
- \_\_\_\_\_ spondylosis
- \_\_\_\_\_ panosteitis

*G.G. Keller, DVM*

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

Orthopedic Foundation for Animals  
Elbow Dysplasia Evaluation Report



A Not-for-Profit  
Organization

HEMI'S EMBER

registered name

BERNESE MOUNTAIN DOG

breed

film test lab #

991008000944878

tattoo microchip DNA profile

2292354

application number

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5559 T.R. 127

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Veterinarian

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TROY OH 45373

Preliminary Elbow Dysplasia Evaluation Report

ELBOW JOINTS -- FLEXED LATERAL VIEW

☒ 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, MS, DACVR  
CHIEF OF VETERINARY SERVICES



**ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.**

HEMI'S EMBER  
*registered name*

BERNESE MOUNTAIN DOG  
*breed*

*film/test/lab #*

991008000944878  
*tattoo/microchip/DNA profile*

2292354  
*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.

WS71327401  
*registration no.*

F  
*sex*

12/17/2020  
*date of birth*

52  
*age at evaluation in months*



A Not-For-Profit Organization

BMD-EYE4941/52F-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*

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

[www.ofa.org](http://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](mailto:CORRECTIONS@OFA.ORG) to request a correction.

Orthopedic Foundation for Animals, Inc.  
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