

## Laboratory Report

**Laboratory #:** 485414  
**Order #:** 220948  
**Ordered By:** Leon Miller  
**Ordered:** Feb. 22, 2025  
**Received:** March 10, 2025  
**Reported:** March 24, 2025

**Call Name:** Karla  
**Registered Name:** CCC-Karla  
**Breed:** Bernese Mountain Dog  
**Sex:** Female  
**DOB:** May 2024  
**Registration #:** -

### Results:

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

CCC KARLA  
registered name

BERNESE MOUNTAIN DOG  
breed

film/test/lab #  
991003001158305  
laboratory/microchip/DNA profile

2621186  
application number

04/18/2025  
date of report

WS84122201  
registration no.

F  
sex

05/25/2024  
date of birth

10  
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

**NORMAL ELBOW**

L  R

**ELBOW DYSPLASIA**

Radiographic evidence of elbow dysplasia is present in the right elbow. The consensus is Grade 1 Degenerative Joint Disease.

GRADE I

L  R

GRADE II

L  R

GRADE III

L  R

**RADIOGRAPHIC FINDINGS**

degenerative joint disease (DJD)

L  R

ununited anconeal process (UAP)

L  R

fragmented coronoid process (FCP)

L  R

osteochondrosis

L  R

*GG Keller DVM*

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

Orthopedic Foundation for Animals  
Preliminary Hip Dysplasia Evaluation Report



A Not-for-Profit  
Organization

CCC KARLA  
registered name

BERNESE MOUNTAIN DOG  
breed

film/test/lab #

991003001158305  
tattoo/microchip/IDNA profile

2621186  
application number

04/18/2025  
date of report

WS84122201  
registration no.

F  
sex

05/25/2024  
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10  
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**Preliminary Hip Dysplasia Evaluation Report**

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

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

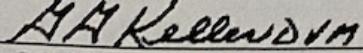
SEVERE HIP DYSPLASIA

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



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