

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PINE CREEK STACEY  
*registered name*

BERNESE MOUNTAIN DOG  
*breed*

*film/test/lab #*

991003000948420  
*tattoo/microchip/DNA profile*

2616677  
*application number*

04/01/2025  
*date of report*

**RESULTS:**

The elbows are normal. No radiographic evidence of elbow dysplasia is present.

WS72304703  
*registration no.*

F  
*sex*

04/09/2021  
*date of birth*

47  
*age at evaluation in months*



A Not-For-Profit Organization

BMD-EL17982F47-C-VPI  
*O.F.A. NUMBER*

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

NORMAL

**owner** WAYNE MILLER  
NAOMI  
3750 TR 124  
MILLERSBURG OH 44654



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

[www.ofa.org](http://www.ofa.org)

This electronic OFA certificate was generated on: 04/01/2025

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.  
2300 E. Nifong Blvd.  
Columbia, MO 65201-3806

OFA website: [www.ofa.org](http://www.ofa.org)  
E-mail address: [ofa@ofa.org](mailto:ofa@ofa.org)  
Phone number: 573-442-0418  
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

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*registered name*

BERNESE MOUNTAIN DOG  
*breed*

*film/test/lab #*

991003000948420  
*tattoo/microchip/DNA profile*

2616677  
*application number*

04/01/2025  
*date of report*

**RESULTS:**

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

WS72304703  
*registration no.*

F  
*sex*

04/09/2021  
*date of birth*

47  
*age at evaluation in months*



A Not-For-Profit Organization

BMD-28146E47F-C-VPI  
*O.F.A. NUMBER*

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

**owner**  
WAYNE MILLER  
NAOMI  
3750 TR 124  
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

G.G. KELLER, DVM, MS, DACVR  
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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

PINE CREEK STACEY  
*registered name*

BERNESE MOUNTAIN DOG  
*breed*

*film/test/lab #*

991003000948420  
*tattoo/microchip/DNA profile*

2616677  
*application number*

07/17/2025  
*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.

WS72304703  
*registration no.*

F  
*sex*

04/09/2021  
*date of birth*

49  
*age at evaluation in months*



A Not-For-Profit Organization



BMD-EYE4980/49F-VPI  
*O.F.A. NUMBER*

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

NORMAL

**owner**  
WAYNE MILLER  
NAOMI MILLER  
3750 TR 124  
MILLERSBURG OH 44654

OFA eCert



Verify QR scan

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

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## BREED ANCESTRY

 **Bernese Mountain Dog : 100.0%**

## GENETIC STATS

Predicted adult weight: **90 lbs**

Genetic age: n/a (Date of birth unknown)

## TEST DETAILS

Kit number: EM-83928962

Swab number: 31210351706072

## HEALTH REPORT

### How to interpret Stacey's genetic health results:

If Stacey inherited any of the variants that we tested, they will be listed at the top of the Health Report section, along with a description of how to interpret this result. We also include all of the variants that we tested Stacey for that we did not detect the risk variant for.

### A genetic test is not a diagnosis

This genetic test does not diagnose a disease. Please talk to your vet about your dog's genetic results, or if you think that your pet may have a health condition or disease.



### Good news!

Stacey is not at increased risk for the genetic health conditions that Embark tests.

**Breed-Relevant Genetic Conditions**

**2 variants not detected**



**Additional Genetic Conditions**



**217 variants not detected**



## BREED-RELEVANT CONDITIONS TESTED



**Stacey did not have the variants that we tested for, that are relevant to her breed:**

-  Von Willebrand Disease Type I, Type I vWD (VWF)
-  Degenerative Myelopathy, DM (SOD1A)

## INBREEDING AND DIVERSITY

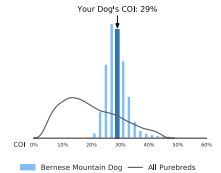
### CATEGORY

### RESULT

#### Coefficient Of Inbreeding

Our genetic COI measures the proportion of your dog's genome where the genes on the mother's side are identical by descent to those on the father's side.

29%

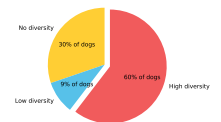


#### MHC Class II - DLA DRB1

A Dog Leukocyte Antigen (DLA) gene, DRB1 encodes a major histocompatibility complex (MHC) protein involved in the immune response. Some studies have shown associations between certain DRB1 haplotypes and autoimmune diseases such as Addison's disease (hypoadrenocorticism) in certain dog breeds, but these findings have yet to be scientifically validated.

#### High Diversity

How common is this amount of diversity in purebreds:



#### MHC Class II - DLA DQA1 and DQB1

DQA1 and DQB1 are two tightly linked DLA genes that code for MHC proteins involved in the immune response. A number of studies have shown correlations of DQA-DQB1 haplotypes and certain autoimmune diseases; however, these have not yet been scientifically validated.

#### High Diversity

How common is this amount of diversity in purebreds:

