



Canine Genetic Health Certificate™

Call Name: Morgan
Registered Name: CH BLUE ELK'S LITTLE BIT OF CAPTAIN
Breed: Miniature American Shepherd
Sex: Male
DOB: July 2021

Laboratory #: 410437
Registration #: DN68088312
Microchip #: 956000014184384
Certificate Date: July 31, 2023

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

Disease	Gene	Genotype	Interpretation
Collie Eye Anomaly	<i>NHEJ1</i>	WT/WT	Normal (Clear)
Degenerative Myelopathy (Common Variant)	<i>SOD1</i>	WT/WT	Normal (Clear)
Hereditary Cataracts (Australian Shepherd Type)	<i>HSF4</i>	WT/WT	Normal (Clear)
Hyperuricosuria	<i>SLC2A9</i>	WT/WT	Normal (Clear)
Intestinal Cobalamin Malabsorption (Australian Shepherd Type)	<i>AMN</i>	WT/WT	Normal (Clear)
Intestinal Cobalamin Malabsorption (Border Collie Type)	<i>CUBN</i>	WT/WT	Normal (Clear)
Multidrug Resistance 1	<i>ABCB1</i>	WT/WT	Normal (Clear)
Multifocal Retinopathy 1	<i>BEST1</i>	WT/WT	Normal (Clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	<i>PRCD</i>	WT/WT	Normal (Clear)

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

Blake C Ballif, PhD
Laboratory & Scientific 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.

Animal Disease Diagnostic Laboratory

Purdue University, 406 S. University Street, West Lafayette, IN 47907-2065

Phone: (765)494-7440 Fax (765)494-9181 Email: addl@purdue.edu

Web: <http://www.addl.purdue.edu>

ATTENTION: The ADDL's hours of operation, sample receiving, and testing schedule will be impacted by the holiday season. For more details about holiday hours and shipping recommendations, please visit our website at www.addl.purdue.edu

ADDL Case #: A24-8358

Other ID:

Date Received: 11/21/2023

Submitter

PURDUE CANINE GENETICS
LAB
625 HARRISON STREET
WEST LAFAYETTE, IN 47907

Premises

DOG INFO
CH BLUE ELKS LITTLE BIT OF
CAPTAIN 07/20/2021
DN68088312 / AKC
956000014184384

Owner

BLUE ELK
ALLYSON & GARY SENEK
279 WILD CAT LOOP
SEARCY, AZ 72143

Vet Phone:

Species: Canine

Sex: Male

Vet Fax:

Breed: Miniature American Shepherd

Age: 2 Years

Premise ID: DOG INFO

Tests Requested in: Mol Diag

<u>Test</u>	<u>Ordered</u>	<u>Status</u>	<u>Completed</u>
Neuroaxonal Dystrophy	11/21/2023	Complete	11/22/2023

Owner Report

11/22/2023 8:59:07 AM

Molecular Diagnostics

by Dr. Rebecca Wilkes, Section Head

The following tests were performed using PCR.

<u>Animal ID</u>	<u>Specimen</u>	<u>Organism</u>	<u>Result</u>
MORGAN	Cheek Swab	Neuroaxonal Dystrophy	Carrier (D/N)

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLUE ELK'S LITTLE BIT OF CAPTAIN, CH
registered name

DN68088312
registration no.

MINIATURE AMERICAN SHEPHERD
breed

M
sex

film/test/lab #

07/20/2021
date of birth

956000014184384
tattoo/microchip/DNA profile

24
age at evaluation in months

2477864
application number

08/09/2023
date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

GOOD

owner
ALLYSON SENEK
279 WILD CAT LOOP
SEARCY AR 72143

OFA eCert



Verify QR scan



A Not-For-Profit Organization

MAS-5186G24M-U-PI
O.F.A. NUMBER

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

G.G. Keller, DVM

G.G.KELLER, D.V.M., M.S., DACVR
CHIEF OF VETERINARY SERVICES

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BLUE ELK'S LITTLE BIT OF CAPTAIN, CH
registered name

DN68088312
registration no.

MINIATURE AMERICAN SHEPHERD
breed

M
sex

film/test/lab #

07/20/2021
date of birth

956000014184384
tattoo/microchip/DNA profile

24
age at evaluation in months

2477864
application number

08/09/2023
date of report

RESULTS:

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

NORMAL

owner
ALLYSON SENEK
279 WILD CAT LOOP
SEARCY AR 72143

OFA eCert



Verify QR scan



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MAS-EL3153M24-U-PI
O.F.A. NUMBER

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G.G. Keller, DVM

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