

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BROOKSTONE ACROSS THE BOARD
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000013791945
tattoo/microchip/DNA profile

2309532
application number

06/07/2023
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:

SS27242704
registration no.

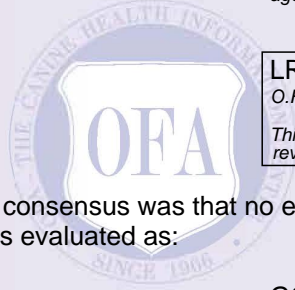
M
sex

05/19/2021
date of birth

24
age at evaluation in months



A Not-For-Profit Organization



LR-269000G24M-C-VPI
O.F.A. NUMBER

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

GOOD

owner SUSAN KETCHAM
207 KELLY HILL RD
WARNER NH 03278

OFA eCert



Verify QR scan

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

www.ofa.org

This electronic OFA certificate was generated on: 06/07/2023

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@OFFA.ORG to request a correction.

Orthopedic Foundation for Animals, Inc.
2300 E. Nifong Blvd.
Columbia, MO 65201-3806

OFA website: www.ofa.org
E-mail address: ofa@offa.org
Phone number: 573-442-0418
Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BROOKSTONE ACROSS THE BOARD
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000013791945
tattoo/microchip/DNA profile

2309532
application number

06/07/2023
date of report

RESULTS:

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

SS27242704
registration no.

M
sex

05/19/2021
date of birth

24
age at evaluation in months



A Not-For-Profit Organization

LR-EL116348M24-C-VPI
O.F.A. NUMBER

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

NORMAL

owner
SUSAN KETCHAM
207 KELLY HILL RD
WARNER NH 03278



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

www.ofa.org

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Fax number: 573-875-5073

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BROOKSTONE ACROSS THE BOARD
registered name

LABRADOR RETRIEVER
sex/breed

C112128
film/test/lab #

956000013791945
tattoo/microchip/DNA profile

2309532
application number

06/01/2022
date of report

RESULTS:

**NORMAL: NO EVIDENCE OF CONGENITAL OR ADULT ONSET INHERITED HEART DISEASE --
AUSCULTATION & ECHO (NOTE: THE CONGENITAL CLEARANCE IS CONSIDERED PERMANENT;
ADULT ONSET CLEARANCE VALID FOR 1 YEAR FROM TEST DATE 05/22/2022.)**

SS27242704
registration no.

M

05/19/2021
date of birth

12
age at evaluation in months



A Not-For-Profit Organization



LR-ACA3501/12M-VPI
O.F.A. NUMBER

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

NORMAL AO/CONG, AUSC/ECHO

owner
SUSAN KETCHAM
207 KELLY HILL RD
WARNER NH 03278



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

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

BROOKSTONE ACROSS THE BOARD
registered name

LABRADOR RETRIEVER
sex/breed

22T3RQ
film/test/lab #

956000013791945
tattoo/microchip/DNA profile

2309532
application number

05/03/2022
date of report

RESULTS:

Based upon the exam dated 04/30/2022, 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.

SS27242704
registration no.

M

05/19/2021
date of birth

11
age at evaluation in months



A Not-For-Profit Organization



LR-EYE25124/11M-VPI
O.F.A. NUMBER

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

NORMAL

owner
SUSAN KETCHAM
207 KELLY HILL RD
WARNER NH 03278

OFA eCert



Verify QR scan

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

www.ofa.org

This electronic OFA certificate was generated on: 05/03/2022

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Fax number: 573-875-5073

Coat Color and Trait Certificate

Call Name:	Walker	Laboratory #:	308437
Registered Name:	Brookstone Across the board	Registration #:	SS27242704
Breed:	Labrador Retriever	Microchip #:	956000013791945
Sex:	Male	Certificate Date:	June 1, 2022
DOB:	May 2021		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
D Locus (Dilute)	<i>MLPH</i>	D/D	Non-dilute (does not carry dilute)
L Locus (Long Hair/Fluffy) - Lh ¹ (Common Variant Found in Many Breeds)	<i>FGF5</i>	Sh/Lh	Shorthaired (carries one copy of long hair)

Interpretation:

This dog does not carry any copies of the d¹ or d² mutations and has a D locus genotype of **D/D** which does not result in the "dilution" or lightening of the pigments that produce the dog's coat color. This dog will pass one copy of **D** to 100% of its offspring and cannot produce d/d dogs.

This dog carries one copy of the **Sh** and one copy of the **Lh¹** mutation which results in short hair. This dog will pass one copy of **Sh** to 50% of its offspring and one copy of **Lh¹** to 50% of its offspring. This dog can produce Lh/Lh offspring if bred to a dog that is also a carrier of an Lh mutation (Sh/Lh or Lh/Lh).

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.



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. The genes/traits reported here were selected by the client. Normal results do not exclude inherited mutations not tested in these or other genes that may cause variation in traits, 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.



220 E. Rowan, Suite 220 Spokane, Washington 99207 www.pawprintgenetics.com
(509) 483-5950

Laboratory Report

Laboratory #:	308437	Call Name:	Walker
Order #:	139536	Registered Name:	Brookstone Across the board
Ordered By:	Susan Ketcham	Breed:	Labrador Retriever
Ordered:	May 17, 2022	Sex:	Male
Received:	May 26, 2022	DOB:	May 2021
Reported:	June 1, 2022	Registration #:	SS27242704
		Microchip #:	956000013791945

Results:

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	<i>PTPLA</i>	WT/WT	Normal (clear)
Congenital Myasthenic Syndrome (Labrador Retriever Type)	<i>COLQ</i>	WT/WT	Normal (clear)
Exercise-Induced Collapse	<i>DNM1</i>	WT/WT	Normal (clear)
Hereditary Nasal Parakeratosis	<i>SUV39H2</i>	WT/WT	Normal (clear)
Macular Corneal Dystrophy (Labrador Retriever Type)	<i>CHST6</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Golden Retriever 2	<i>TTC8</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	<i>PRCD</i>	WT/WT	Normal (clear)
Retinal Dysplasia/Oculoskeletal Dysplasia 1	<i>COL9A3</i>	WT/WT	Normal (clear)
Skeletal Dysplasia 2	<i>COL11A2</i>	WT/WT	Normal (clear)

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

Interpretation:

Molecular genetic analysis was performed for 10 specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in nine of the mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these nine mutations. However, we identified one normal copy and one mutant copy of the DNA sequences for *ABCA4*. Thus, this dog is a carrier of Stargardt Disease.

Recommendations:



Stargardt Disease is inherited in an autosomal recessive fashion. Based on this, and the fact that this dog showed a mutation in one copy of the *ABCA4* gene, this dog is a carrier of this disease. Although dogs that carry only one copy of this mutation will not be clinically affected, if bred with another carrier, the pairing could produce affected offspring. To avoid producing affected offspring, this dog should be bred with dogs that are normal (WT/WT) for this gene. Dogs related to this dog have an increased risk to be affected by or carry the mutated gene. Additional testing for this mutation is indicated for related dogs.

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.

Blake C Ballif, PhD

Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP

Medical Director

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