

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

HARBOR RUN'S ART OF ANIMATION

registered name

LABRADOR RETRIEVER

breed

C037754
film/vet/lab #

602083125
tattoo/microchip/DNA profile

1991041

application number

9/20/2018
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 9/9/2018.)
EXAMINER: CS27-EVA K. SIKORSKA, DVM, DACVIM

owner

HEIDI KELLERMAN
CAROLYN KELLERMAN
3846 MARSHFIELD RD.
LAWTONS, NY 14091

www.ofa.org

SS03777501
registration no.

M

sex

7/7/2017
date of birth

14

age at evaluation in months

LR-ACA955/14M-VP1

O.F.A. NUMBER

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

A Not-For-Profit Organization



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

GG Keller DVM

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

HARBOR RUN'S ART OF ANIMATION

registered name
LABRADOR RETRIEVER

345088
film/test/lab #

602083125
tattoo/microchip/DNA profile

1991041
application number

9/19/2018
date of report

RESULTS:

Based upon the exam dated 9/9/2018, 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.

owner

HEIDI KELLERMAN
CAROLYN KELLERMAN
3846 MARSHFIELD RD.
LAWTONS, NY 14091

www.ofa.org

SS03777501
registration no.

M
sex

7/7/2017
date of birth

14
age at evaluation in months

LR-EYE15598/14M-PI
O.F.A. NUMBER

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A Not-For-Profit Organization

Heidi Kellerman

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



Orthopedic Foundation for Animals Preliminary (Consultation) Report



HARBOR RUN'S ART OF ANIMATION
registered name
LABRADOR RETRIEVER
breed

SS03777501
registration number

M
sex

7/7/2017
date of birth

12
age at evaluation in months

8/3/2018
date of report

1991041
application number

tattoo/microchip/DNA profile

film/case no(s)

HEIDI KELLERMAN
CAROLYN KELLERMAN
PO BOX 861
HAMBURG, NY 14075
Owner

Veterinarian
ALLIANCE ANIMAL HOSPITAL
5915 BROADWAY ST
LANCASTER, NY 14086

RADIOGRAPHIC EVALUATION OF PELVIC PHENOTYPE WITH RESPECT TO HIP DYSPLASIA

* The study must be repeated when the animal is 24 months of age or older to qualify for an OFA number.

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

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

ELBOW JOINTS - FLEXED LATERAL VIEW

✓ negative for elbow dysplasia

ELBOW DYSPLASIA

Grade I
Grade II
Grade III

RADIOGRAPHIC FINDINGS

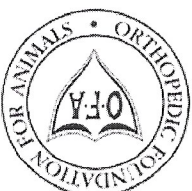
degenerative joint disease (DJD)
united anconeal process (UAP)
fragmented coronoid process (FCP)
osteochondrosis

HIP JOINTS - STANDARD VD VIEW

subluxation
remodeling of femoral head/neck
osteoarthritis/degenerative joint disease
shallow acetabula
acetabular rim/edge change
unilateral pathology
transitional vertebra
spondylolysis
panostitis
other

Consultation by: Heidi Keller DVM
G.G. KELLER, DVM, MS, DACVR
CHIEF OF VETERINARY SERVICES

A Not-For-Profit
Organization



Hereditary Nasal Parakeratosis DNA Test

Case Number: 96303

Owner: Heidi Kellerman

PO Box 861

Hamburg NY 14075

Canine Information

DNA ID Number: 132538

Call Name: Triton

Sex: Male

Birthdate: 07/07/2017

Breed: Labrador Retriever

Coat Color: Black

Registered Name: Harbor Run's Art of Animation

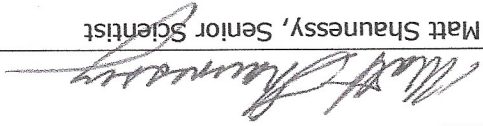
Registration Number: SS03777501

Microchip/Tattoo: 602083125

Report Date: 8/29/2017

DNA Result: Clear (2 copies of the normal allele)

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.


Matt Shaunessy, Senior Scientist

Exercise Induced Collapse DNA Test

Case Number: 96300

Owner: Heidi Kellerman

PO Box 861

Hamburg NY 14075

Canine Information

DNA ID Number: 132538

Call Name: Triton

Sex: Male

Birthdate: 07/07/2017

Breed: Labrador Retriever

Coat Color: Black

Registered Name: Harbor Run's Art of Animation

Registration Number: SS03777501

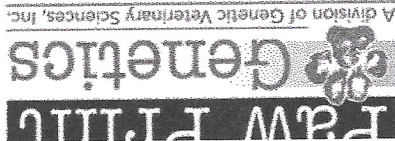
Microchip/Tattoo: 602083125

Report Date: 8/29/2017

DNA Result: Clear (2 copies of the normal allele)

These results are based on data obtained from analysis of unique DNA loci in accordance with the standards and protocols set forth by DDC Veterinary. The accuracy of the result is based on the information and the quality of samples provided by the client. DDC Veterinary does not assume responsibility of errors due to mislabeled or incorrectly sampled submissions.

Matt Shaunessy, Senior Scientist



Canine Genetic Health Certificate™

Call Name: Triton
Registered Name: Harbor Run's Art of Animation
Breed: Labrador Retriever
Sex: Male
DOB: July 2017
Laboratory #: 98013
Registration #: 5S03777501
Certificate Date: Oct. 25, 2018

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

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	PTPLA	WT/WT	Normal (clear)
Degenerative Myelopathy	SOD1	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (clear)

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

Helen F Smith, PhD
Assistant Laboratory Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics® performed the tests listed on this dog. 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. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the tests' accuracy and precision. 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.

Coat Color and Trait Certificate

Call Name: Triton
Registered Name: Harbor Run's Art of Animation
Breed: Labrador Retriever
Sex: Male
DOB: July 2017
Laboratory #: 98013
Registration #: SS03777501
Certificate Date: July 29, 2018

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	TYRP1	B/b	Black coat, nose and foot pads (carries brown)
D Locus (Dilute)	MLPH	D/D	Non dilute
E Locus (Yellow/Red)	MC1R	E/e	Black (carries yellow/red)
L Locus (Long Hair/Fluffy)	FGF5	Sh/Sh	Shorthaired

Interpretation:

This dog carries one copy of **B** and at least one copy of **b** at the **b^c**, **b^d** or **b^s** locus making the overall B locus genotype of this dog **B/b**. The overall B locus genotype for a dog is determined by the combination of the genotypes at the **b^c**, **b^d**, and **b^s** loci. The **b^c**, **b^d**, and **b^s** variants confer brown coat, nose, and foot pads when at least one of these DNA changes is present on both genes of the dog at the B locus. If the dog has one or no copies of **b** then the dog will have a black coat, nose, and foot pads. However, this dog's coat color is also dependent on the E, K, and A genes. This dog will pass on **B** to 50% of its offspring and **b** to 50% of its offspring. This dog carries two copies of **D** which does not result in the "dilution" or lightening of the black and yellow/red pigments that produce the dog's coat color. The base coat color of this dog will be primarily determined by the E, K, A, and B genes. This dog will pass on **D** to 100% of its offspring. This dog carries one copy of **E** and one copy of **e** which allows for the production of black pigment. However, this dog's coat color is also dependent on the K, A, and B genes. This dog will pass **E** on to 50% of its offspring and **e** to 50% of its offspring, which can produce a yellow/red coat (including shades of white, cream, yellow, apricot or red) if inherited with another copy of **e**. This dog carries two copies of **Sh** which results in short hair. However, the overall coat type of this dog is dependent on the combination of this dog's genotypes at the L, Cu, and IC loci. This dog will pass **Sh** on to 100% of its 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.