Orthopedic Foundation for Animals

Hip Dysplasia Evaluation Report

A Not-for-Profit Organization

OVERLOOK'S OSCAR
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000015318315
tattoo/microchip/DNA profile

2414447
application number

12/02/2022
date of report

SS33136701
registration no.

M
sex

01/31/2022
date of birth

9
age at evaluation in months

Owner

MARK ROTHE
GINA ROTHE
100 QUACKENBUSH RD
SAUGERTIES NY 12477

Veterinarian

HARMONY VETERINARY CLINIC
1823 AMSTERDAM RD
BALLSTON SPA NY 12020

Preliminary Hip Dysplasia Evaluation Report

_____ **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 pathology _____ left _____ right
_____ transitional vertebra
_____ spondylosis
_____ panosteitis

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

2300 E Nifong Blvd | Columbia MO 65201 | Phone (573) 442-0418 | Fax (573) 875-5073 | ofa@offa.org | www.ofa.org

Orthopedic Foundation for Animals

Elbow Dysplasia Evaluation Report

A Not-for-Profit Organization

OVERLOOK'S OSCAR
registered name

LABRADOR RETRIEVER
breed

film/test/lab #

956000015318315
tattoo/microchip/DNA profile

2414447
application number

12/02/2022
date of report

SS33136701
registration no.

M
sex

01/31/2022
date of birth

9
age at evaluation in months

Owner

MARK ROTHE
GINA ROTHE
100 QUACKENBUSH RD
SAUGERTIES NY 12477

Veterinarian

HARMONY VETERINARY CLINIC
1823 AMSTERDAM RD
BALLSTON SPA NY 12020

Preliminary Elbow Dysplasia Evaluation Report

ELBOW JOINTS -- FLEXED LATERAL VIEW

√ negative for elbow dysplasia	L √	R √

ELBOW DYSPLASIA

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 _____

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ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

OVERLOOK'S OSCAR
registered name

LABRADOR RETRIEVER
breed

C082964
film/test/lab #

956000015318315
tattoo/microchip/DNA profile

2414447
application number

02/10/2023
date of report

SS33136701
registration no.

M
sex

01/31/2022
date of birth

12
age at evaluation in months

A Not-For-Profit Organization

LR-ACA3934/12M-VPI
O.F.A. NUMBER

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

RESULTS:

NORMAL: NO EVIDENCE OF CONGENITAL OR ADULT ONSET INHERITED HEART DISEASE -- AUSCULTATION & ECG & ECHO (NOTE: THE CONGENITAL CLEARANCE IS CONSIDERED PERMANENT; ADULT ONSET CLEARANCE VALID FOR 1 YEAR FROM TEST DATE 02/01/2023.)

NORMAL AO/CONG, AUSC/ECG/ECHO

owner
MARK ROTHE
100 QUACKENBUSH RD
SAUGERTIES NY 12477

OFA eCert

Verify QR scan

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

www.ofa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

OVERLOOK'S OSCAR
registered name

LABRADOR RETRIEVER
breed

23D3S5
film/test/lab #

956000015318315
tattoo/microchip/DNA profile

2414447
application number

02/03/2023
date of report

SS33136701
registration no.

M
sex

01/31/2022
date of birth

11
age at evaluation in months

A Not-For-Profit Organization

LR-EYE27184/11M-VPI
O.F.A. NUMBER

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

RESULTS:

Based upon the exam dated 01/27/2023, 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.

NORMAL

owner
MARK ROTHE
100 QUACKENBUSH RD
SAUGERTIES NY 12477

OFA eCert

Verify QR scan

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

www.ofa.org

Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

10220 N. Nevada St., Suite 300
Spokane, Washington 99218
www.pawprintgenetics.com
(509) 483-5950

Laboratory Report

Laboratory #:	329489	**Call Name:**	Oscar
Order #:	149957	**Registered Name:**	overlooks oscar
Ordered By:	Mark Rothe	**Breed:**	Labrador Retriever
Ordered:	Oct. 24, 2022	**Sex:**	Male
Received:	Oct. 25, 2022	**DOB:**	Jan. 2022
Reported:	Nov. 4, 2022	**Registration #:**	SS33136701

Results:

Disease	Gene	Genotype	Interpretation
Centronuclear Myopathy	*PTPLA*	WT/WT	Normal (clear)
Congenital Myasthenic Syndrome (Labrador Retriever Type)	*COLQ*	WT/WT	Normal (clear)
Exercise-Induced Collapse	*DNM1*	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	*PRCD*	WT/WT	Normal (clear)
Stargardt Disease	*ABCA4*	WT/WT	Normal (clear)

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

Interpretation:

Molecular genetic analysis was performed for five specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in five mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these five 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.

Blake C Ballif, PhD
Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

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Laboratory Report

Laboratory #:	329489	**Call Name:**	Oscar
Order #:	150314	**Registered Name:**	overlooks oscar
Ordered By:	Mark Rothe	**Breed:**	Labrador Retriever
Ordered:	Oct. 30, 2022	**Sex:**	Male
Received:	Oct. 31, 2022	**DOB:**	Jan. 2022
Reported:	Nov. 4, 2022	**Registration #:**	SS33136701

Results:

Disease	Gene	Genotype	Interpretation
Macular Corneal Dystrophy (Labrador Retriever Type)	*CHST6*	WT/WT	Normal (clear)

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

Interpretation:

Molecular genetic analysis was performed for a specific mutation reported to be associated with Macular Corneal Dystrophy (Labrador Retriever Type) in dogs. We identified two normal copies of the DNA sequences in the *CHST6* gene tested. Thus, this dog is not at an increased risk for Macular Corneal Dystrophy (Labrador Retriever Type).

Recommendations:

No mutations were identified. Thus, this dog is not at an increased risk for the disease caused by or associated with the mutation tested. Because this dog is "clear" of this mutation, this dog will only pass the normal gene on to its offspring. Normal results do not exclude inherited mutations not tested in this gene 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.

Blake C Ballif, PhD
Laboratory & Scientific Director

Christina J Ramirez, PhD, DVM, DACVP
Medical Director

Paw Print Genetics
A division of Genetic Veterinary Sciences, Inc.

Coat Color and Trait Certificate

Call Name:	Oscar	**Laboratory #:**	329489
Registered Name:	overlooks oscar	**Registration #:**	SS33136701
Breed:	Labrador Retriever	**Certificate Date:**	Nov. 4, 2022
Sex:	Male		
DOB:	Jan. 2022		

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 one copy of brown)
Cu Locus (Curly Hair)	*KRT71*	Cu/Cu	Straight coat
D Locus (Dilute)	*MLPH*	D/D	Non-dilute (does not carry dilute)
L Locus (Long Hair/Fluffy) - Lh^1 (Common Variant Found in Many Breeds)	*FGF5*	Sh/Sh	Shorthaired (does not carry long hair)

Interpretation:

This dog carries one copy of one of the b mutations and has a B locus genotype of **B/b**. Thus, this dog typically will have a black coat, nose, and foot pads. However, this dog's coat color is dependent on the genotypes of many other genes. This dog will pass one copy of **B** to 50% of its offspring and one copy of **b** to 50% of its offspring. This dog can produce b/b offspring if bred to a dog that is also a carrier of a b mutation (B/b or b/b). Depending on the breed, b/b dogs may be referred to as brown, chocolate, liver or red.

This dog carries two copies of **Cu** which results in a straight coat. 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 **Cu** on to 100% of its offspring.

This dog does not carry any copies of the d^1 or d^2 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 two copies of **Sh** which results in short hair. This dog will pass on **Sh** 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.