

Laboratory Report

** Amended Report **

Laboratory #:	169967	Call Name:	Ernie
Order #:	75629	Registered Name:	Doodle Around Lenny
Ordered By:	Vicki McCormack	Breed:	Australian Labradoodle
Ordered:	March 19, 2020	Sex:	Male
Received:	March 23, 2020	DOB:	Nov. 2019
Reported:	April 8, 2020	Registration #:	WALA00023239
Amended:	April 14, 2020	Microchip #:	933000320166720

Results:

Disease	Gene	Genotype	Interpretation
Degenerative Myelopathy	<i>SOD1</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)
Neonatal Encephalopathy with Seizures	<i>ATF2</i>	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Cone-Rod Dystrophy 4	<i>RPGRIP1</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)
Von Willebrand Disease I	<i>VWF</i>	WT/WT	Normal (clear)

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

Interpretation:

Molecular genetic analysis was performed for eight specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in the mutations tested.

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.

**Note: At the client's request, this laboratory report and accompanying Canine Genetic Health Certificate® were amended on April 14, 2020 to update the call name for this dog.*

Coat Color and Trait Certificate

Call Name:	Blue Camo	Laboratory #:	165534
Registered Name:	-	Registration #:	-
Breed:	Australian Labradoodle	Microchip #:	933000320166720
Sex:	Male	Certificate Date:	March 2, 2020
DOB:	Nov. 2019		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
A Locus (Agouti)	<i>ASIP</i>	a^t/a	Tricolor, black and tan (carries bicolor/solid)
E Locus (Yellow/Red)	<i>MC1R</i>	E/e	Black (carries yellow/red)
IC Locus (Improper Coat/Furnishings)	<i>RSPO2</i>	F/F	Furnishings
K Locus (Dominant Black)	<i>CBD103</i>	K^B/k^Y	No agouti expression allowed (carrier)
S Locus (White Spotting, Parti, or Piebald)	<i>MITF</i>	S/s^P	Limited white spotting, flash, parti, or piebald (carrier)

Interpretation:

This dog carries one copy of a^t and one copy of a which results in tan points and can also present as a black and tan or tricolor coat color. However, this dog's coat color is also dependent on the E, K, and B genes. The tan point coat color is only expressed if the dog is also E/E or E/e at the E locus and k^Y/k^Y at the K locus. This dog will pass on a^t to 50% of its offspring and a to 50% 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 does not carry the mutation for improper coat and will therefore have furnishings (proper 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 F (furnishings, proper coat) on to 100% of its offspring.

This dog carries one copy of K^B and one copy of k^Y which prevents expression of the agouti gene (A locus) and allows for solid eumelanin (black pigment) production in pigmented areas of the dog. However, this dog's coat color is also dependent on its genotypes at the E and B genes. This dog will pass on K^B to 50% of its offspring and k^Y to 50% of its offspring.

This dog carries one copy of S and one copy of s^P which results in limited white spotting, flash, parti, or piebald coat color due to the co-dominance of S and s^P . This dog will pass on one copy of S to 50% of its offspring and one copy of s^P to 50% 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.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

DOODLE AROUND DISCOVER ERNIE'S SWAGGER
registered name

AUSTRALIAN LABRADOODLE
sex/breed

521827
film/test/lab #

933000320166720
tattoo/microchip/DNA profile

2156914
application number

03/03/2022
date of report

RESULTS:

Based upon the exam dated 02/22/2022, this dog has been found to be free of significant 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. The following breeder option codes were noted: D3a:Persistent Pupillary Membranes - Iris to Iris
Breeder Options are clinical observations that may be inherited but do not represent current potential compromise of ocular comfort, vision or other ocular functions.

WALA00023239
registration no.

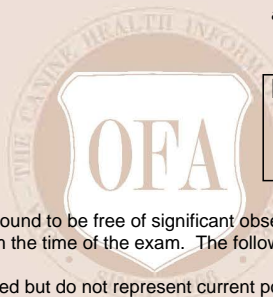
M

11/23/2019
date of birth

26
age at evaluation in months



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LD-EYE2775/26M-VPI
O.F.A. NUMBER

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

NORMAL W/BREEDER OPTIONS NOTED

owner
VICKI MCCORMACK
81 EASTGATE PL
SEQUIM WA 98382

OFA eCert



with 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: 03/03/2022

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 Preliminary (Consultation) Report

DOODLE AROUND DISCOVER ERNIE'S SWAGGER
registered name

WALA00023239
registration no.

AUSTRALIAN LABRADOODLE
breed

M
sex

film/test/lab #

11/23/2019
date of birth

933000320166720
tattoo/microchip/DNA profile

7
age at evaluation in months

2156914
application number

07/14/2020
date of report



A Not-For-Profit
Organization

VICKI MCCORMACK
81 EASTGATE PL
SEQUIM WA 98382

HURRICANE RIDGE VETERINARY HOSPITAL
660 N 7TH AVE
SEQUIM WA 98382

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

_____ **BORDERLINE HIP JOINT CONFORMATION**
marginal hip joint conformation of indeterminate status with
respect to hip dysplasia at this time – **Repeat study in six
months**

✓ _____ **GOOD HIP JOINT CONFORMATION***
well formed 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

_____ **FAIR HIP JOINT CONFORMATION***
minor irregularities of the hip joint conformation as compared
with other individuals of the same breed and age

_____ **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
_____ other _____

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

Orthopedic Foundation for Animals Preliminary (Consultation) Report

DOODLE AROUND DISCOVER ERNIE'S SWAGGER
registered name

AUSTRALIAN LABRADOODLE
breed

film/test/lab #

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WALA00023239
registration no.

M
sex

11/23/2019
date of birth

7
age at evaluation in months



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RADIOGRAPHIC EVALUATION OF PHENOTYPE WITH RESPECT TO ELBOW DYSPLASIA

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

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 _____

united anconeal process (UAP)

L _____ R _____

fragmented coronoid process (FCP)

L _____ R _____

Osteochondrosis

L _____ R _____

there is evidence of a prior fracture

Consultation by:

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

2300 E Nifong Blvd
Columbia MO 65201

Tele: (573) 442-0418
Fax: (573) 875-5073

Email: ofa@ofa.org
Website: <https://www.ofa.org>

Office Use Only
 APPL _____
 RAD _____
 CK _____



Orthopedic Foundation for Animals

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 Phone (573) 442-0418; Fax (573) 875-5073
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Application for Congenital Cardiac Database

Registered name: DOODLE AROUND DISCOVER ERNIE'S SWAGGER		AKC registration number:		Other registry name: WALA	
Breed: AUSTRALIAN LABRADOODLE		Sex: M		Date of birth (MM/DD/YY): 11/23/2019	
Microchip/tattoo: 933000320166720		Registration number of sire: WALA00007885		Registration number of dam: WALA00013530	
Owner name: VICKI MCCORMACK		Co-Owner name:		Examining veterinary clinic: HURRICANE RIDGE VETERINARY HOSPITAL	
Mailing address: 81 EASTGATE PL		Mailing address: 660 N 7TH AVE		Date of evaluation (MM/DD/YY): 07/01/2020	
City: SEQUIM		State: WA		Zip/postal code: 98382	
Phone: (360) 808-9800		E-mail: DISCOVERYTAILS@GMAIL.COM		E-mail: TECHNICIAN@HURRICANERIDGEVET.COM	

I hereby certify that the animal examined is the animal described on this application. I understand that all normal results will be released to the public.

Signature of owner or authorized representative *Vicki L McCormack*

Authorization to Release Abnormal Results	Authorization to Collect Statistical Data
<input checked="" type="checkbox"/> I hereby authorize the OFA to release the abnormal results of the animal described on this application to the public . <div style="text-align: right;">INITIAL <i>VM</i></div>	<input checked="" type="checkbox"/> I hereby authorize the examining veterinarian to submit the results of the animal described on this application for statistical purposes . The results may be shared with the ACVIM or canine health researchers, but will not be disclosed to the general public . <div style="text-align: right;">INITIAL <i>VM</i></div>

Veterinary Instructions

Clinical findings based on cardiac auscultation is required. (see page 2)

- Auscultation is within normal limits. Additional diagnostic studies not indicated.
- Auscultation reveals a soft (grade 1 or grade 2) murmur at rest.
- Auscultation reveals a moderate to loud heart murmur.
- Auscultation was performed after exercise and revealed:
 - Normal heart sounds without a cardiac murmur.
 - A soft (grade 1 or grade 2) murmur.

Describe any cardiac murmurs:

Timings: systolic diastolic continuous

Point of maximal intensity:

- Mitral valve area Aortic or subaortic area
- Pulmonary valve area Tricuspid valve area

Other location:

Radiation or other characteristics: _____

Echocardiography if indicated (see page 2):

- Echocardiography with Doppler was performed and the results were within limits of normal.
- Echocardiography with Doppler was performed and the results were equivocal: mild congenital heart disease cannot be conclusively diagnosed nor excluded based on this study.
- Echocardiography with Doppler was performed and the results were indicative of congenital heart disease.

Describe any abnormal echocardiographic or Doppler findings, including transvalvular or other pertinent velocities in m/sec.

pulse/continuous wave left apical/subcostal

Summary evaluation and opinion of the examiner:

- Normal cardiovascular examination—congenital heart disease is not evident
- Equivocal cardiovascular examination—congenital heart disease cannot be diagnosed nor excluded; status uncertain for breeding.
- Abnormal cardiovascular examination indicative of congenital heart disease; indicate diagnosis below: _____

I certify that the standards for cardiac examination as set forth by the OFA were carefully followed in performing this examination.

I DID verify microchip/tattoo on this dog I DID NOT verify microchip/tattoo on this dog

Veterinarian Signature: _____ Specialty: Practitioner, Specialist, Cardiologist Date: *07/01/2020*

Fees Animals Over 12 Months..... \$15.00
 Litter of 3 or more submitted together \$30.00

Kennel Rate—Individuals submitted as a group, owned/co-owned by same person.
 Minimum of 5 individuals \$7.50 per study

Exams on animals under 12 months of age are considered preliminary evaluations and are not eligible for OFA numbers

Payments can be made by Visa, Mastercard, check or money order (U.S. funds drawn on a U.S. bank) payable to the Orthopedic Foundation for Animals.

DO NOT SEND TO OFA

Card number _____ Cardholder name _____ Exp date MM/YY _____ CV _____



01/2020 CASE: 203FVK

Affected animals, statistical data submission and resubmissions at no charge

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 APPL _____
 RAD _____
 CK _____
 203FVK



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Application for Patellar Luxation Database

Registered name: DOODLE AROUND DISCOVER ERNIE'S SWAGGER			AKC registration number:		Other registry name: WALA	
					Other registry #: 00023239	
Breed: AUSTRALIAN LABRADOODLE		Sex: M	Date of birth (MM/DD/YY): 11/23/2019			
Microchip/tattoo: 933000320166720			Registration number of sire: WALA00007885		Registration number of dam: WALA00013530	
Owner name: VICKI MCCORMACK			Date of evaluation (MM/DD/YY): 07/01/2020			
Co-owner name:			Examining veterinary clinic: HURRICANE RIDGE VETERINARY HOSPITAL			
Mailing address: 81 EASTGATE PL			Mailing address: 660 N 7TH AVE			
City: SEQUIM	State: WA	Zip/postal code: 98382	City: SEQUIM	State: WA	Zip/postal code: 98382	
Phone: (360) 808-9800	E-mail: DISCOVERYTAILS@GMAIL.COM		Phone: (360) 681-0117	E-mail: TECHNICIAN@HURRICANERIDGEVET.COM		

I hereby certify that the information submitted is of the animal described on this application. I understand that only normal results will be released to the public unless the initials of a registered owner appear in the authorization box below which permits the OFA to release abnormal results to the public.

Signature of owner or authorized representative Vicki L McCormack

Authorization to Release Abnormal Results

I hereby authorize the OFA to release the results of its evaluation of the animal described on this application to the public if the results are abnormal
 _____ (initials of registered owner or authorized representative).

Patellar Examination Results

1. Normal

right left

2. Patellar Luxation

- bilateral
- unilateral: right left
- luxated: medial lateral
- luxation is:** intermittent permanent
- age of onset:** < 2 months 2-6 months 6-12 months > 12 months

3. Classification of luxation

- Grade 1**—The patella easily luxates manually at full extension of the stifle joint, but returns to the trochlea when released.
- Grade 2**—There is frequent patellar luxation which, in some cases becomes more or less permanent.
- Grade 3**—The patella is permanently luxated with torsion of the tibia and deviation of the tibial crest of between 30 degrees and 50 degrees from the cranial/caudal plane.
- Grade 4**—The tibia is medially twisted and the tibial crest may show further deviation medially with the result that it lies 50 degrees to 90 degrees from the cranial/caudal plane.

I certify that the examination was performed according to the OFA procedure.
 I DID verify microchip/tattoo on this dog I DID NOT verify microchip/tattoo on this dog

[Signature] Veterinary Signature Specialty: Practitioner Specialist Date: 07/01/2020

Fees Animals over 12 months.....\$15.00 each
 A litter of 3 or more submitted together.....\$30.00 total

Exams on animals under 12 months of age are considered preliminary evaluations and are not eligible for OFA numbers

Kennel rate: Individuals submitted as a group, owned/co-owned by the same person
 Minimum of 5 individuals.....\$7.50 each

Payments can be made by Visa, Mastercard, check or money order (U.S. funds drawn on a U.S. bank) payable to the Orthopedic Foundation for Animals.

do not send to OFA

Card number _____ Cardholder name _____ Exp MM/YY _____ CVV _____

CASE: 203FVK
 Affected dogs and resubmits are no charge

