



## Canine Genetic Health Certificate™

**Call Name:** Mac  
**Registered Name:** -  
**Breed:** Australian Labradoodle  
**Sex:** Male  
**DOB:** Dec. 2018

**Laboratory #:** 118803  
**Registration #:** -  
**Certificate Date:** April 29, 2019

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

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)
Von Willebrand Disease I	<i>VWF</i>	WT/WT	Normal (clear)

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

**Christina J Ramirez, PhD, DVM, DACVP**  
Medical Director

**Casey R Carl, DVM**  
Associate 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.

## Laboratory Report

<b>Laboratory #:</b>	118803	<b>Call Name:</b>	Mac
<b>Order #:</b>	58900	<b>Registered Name:</b>	-
<b>Ordered By:</b>	Vicki McCormack	<b>Breed:</b>	Australian Labradoodle
<b>Ordered:</b>	April 23, 2019	<b>Sex:</b>	Male
<b>Received:</b>	April 24, 2019	<b>DOB:</b>	Dec. 2018
<b>Reported:</b>	April 29, 2019	<b>Registration #:</b>	-

### Results:

Disease	Gene	Genotype	Interpretation
Retinal Dysplasia/Oculoskeletal Dysplasia 1	COL9A3	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 Retinal Dysplasia/Oculoskeletal Dysplasia 1 in dogs. We identified two normal copies of the DNA sequences in the mutation tested.

### 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.

**Christina J Ramirez, PhD, DVM, DACVP**  
Medical Director

**Casey R Carl, DVM**  
Associate Medical Director

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.

## Coat Color and Trait Certificate

<b>Call Name:</b>	Mac	<b>Laboratory #:</b>	118803
<b>Registered Name:</b>	-	<b>Registration #:</b>	-
<b>Breed:</b>	Australian Labradoodle	<b>Certificate Date:</b>	April 27, 2020
<b>Sex:</b>	Male		
<b>DOB:</b>	Dec. 2018		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	<i>TYRP1</i>	B/b or b/b	Carries brown and may have brown or black coat, nose and foot pads
Cu Locus (Curly Hair)	<i>KRT71</i>	Cu/Cu	Straight coat
E Locus (Yellow/Red)	<i>MC1R</i>	e/e	Yellow/red
IC Locus (Improper Coat/Furnishings)	<i>RSPO2</i>	F/IC	Furnishings (improper coat carrier)
S Locus (White Spotting, Parti, or Piebald)	<i>MITF</i>	S/s <sup>P</sup>	Limited white spotting, flash, parti, or piebald (carrier)

### Interpretation:

The overall B locus genotype for a dog is determined by the combination of genotypes present at the b<sup>c</sup>, b<sup>d</sup>, and b<sup>s</sup> loci. The b<sup>c</sup>, b<sup>d</sup>, and b<sup>s</sup> variants confer brown when at least one of these DNA changes is present on both genes of the dog at the B locus. This dog carries two copies of **B** at the b<sup>s</sup> locus. In addition, this dog carries one copy of **B** and one copy of **b** at both the b<sup>c</sup> and b<sup>d</sup> loci. The presence of both these variants on a single copy of the gene cannot be excluded. Thus, due to the particular combination of variants detected, the overall B locus genotype of this dog is **B/b** or **b/b** and cannot be determined without additional testing of parental samples. Therefore, this dog carries brown and may have brown or black coat, nose and foot pads.

If the b<sup>c</sup> and b<sup>d</sup> variants each occur on separate copies of the B locus, the dog will be brown (**b/b**). However, if these variants occur on the same copy of the gene, the dog will be black (**B/b**). Therefore, the final B locus genotype for this dog can be inferred by evaluating the color of this dog's nose. If this dog's nose is brown, the final B locus genotype of this dog is **b/b** and this dog will pass on **b** to 100% of its offspring. If this dog's nose is black, the final B locus genotype of this dog is **B/b** and this dog will pass on **b** to 50% of its offspring. If this dog is B/b it can produce offspring with a black or brown coat, nose and foot pads. However, this dog's coat color is also dependent on the E, K, and A genes.

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 carries two copies of **e** which inhibits production of black pigment. The coat color of this dog will be yellow/red (including shades of white, cream, yellow, apricot or red). This dog will pass **e** on to 100% of its offspring.

This dog carries one copy of the mutation for improper coat (**IC**) and one copy of **F** and will therefore have furnishings (proper coat). However, the overall coat type of this dog is dependent on the combination of this

**ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.**

**BAYSIDE MCKINLEY'S DISCOVERY "MAC"**  
*registered name*

**AUSTRALIAN LABRADOODLE**  
*breed*

**239A7H**  
*film/test/lab #*

**991001002457419**  
*tattoo/microchip/DNA profile*

**2063750**  
*application number*

**08/02/2023**  
*date of report*

**RESULTS:**

Based upon the exam dated 07/28/2023, 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.

**WALA00013716**  
*registration no.*

**M**  
*sex*

**12/09/2018**  
*date of birth*

**55**  
*age at evaluation in months*



A Not-For-Profit Organization



**LD-EYE2012/55M-VPI**  
*O.F.A. NUMBER*

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

**NORMAL**

**owner**  
**VICKI MCCORMACK**  
**81 EASTGATE PL**  
**SEQUIM WA 98382**

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: 08/02/2023

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](mailto: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](http://www.ofa.org)  
E-mail address: [ofa@offa.org](mailto:ofa@offa.org)  
Phone number: 573-442-0418  
Fax number: 573-875-5073

# Orthopedic Foundation for Animals Preliminary (Consultation) Report



A Not-For-Profit  
Organization

BAYSIDE MCKINLEY'S DISCOVERY "MAC"  
registered name

WALA00013716  
registration number

AUSTRALIAN LABRADOODLE  
breed

F  
sex

12/9/2018  
date of birth

991001002457419  
tattoo/microchip/DNA profile

6  
age at evaluation in months

2063750  
application number

6/19/2019  
date of report

film/case no(s)

Owner

VICKI MCCORMACK  
81 EASTGATE PL  
SEQUIM, WA 98382

Veterinarian

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:

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

# Orthopedic Foundation for Animals Preliminary (Consultation) Report



A Not-For-Profit  
Organization

BAYSIDE MCKINLEY'S DISCOVERY "MAC"  
registered name

WALA00013716  
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AUSTRALIAN LABRADOODLE  
breed

M  
sex

12/9/2018  
date of birth

991001002457419  
tattoo/microchip/DNA profile

7  
age at evaluation in months

2063750  
application number

8/1/2019  
date of report

film/case no(s)

Owner  
VICKI MCCORMACK  
81 EASTGATE PL  
SEQUIM, WA 98382

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

## 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 \_\_\_\_\_  
ununited anconeal process (UAP)      L \_\_\_\_\_      R \_\_\_\_\_  
fragmented coronoid process (FCP)      L \_\_\_\_\_      R \_\_\_\_\_  
osteochondrosis      L \_\_\_\_\_      R \_\_\_\_\_

Consultation by:

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

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 APPL \_\_\_\_\_  
 RAD \_\_\_\_\_  
 CK \_\_\_\_\_



# Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201-3806

Phone: (573) 442-0418; Fax: (573)875-5073

www.offa.org

A Not-For-Profit Organization

Office Use Only

## Application for Congenital Cardiac Database

Registered name: <b>BAYSIDE MCKINLEY'S DISCOVERY MAC</b>		Registration number: <input type="checkbox"/> AKC <input type="checkbox"/> CKC	Other registry name: <b>WALA</b>	
Breed: <b>AUSTRALIAN LABRADOODLE</b>		Sex: <b>M</b>	Date of Birth (month-day-year): <b>12/09/2018</b>	
ID Number (if any): <input type="checkbox"/> Tattoo <input checked="" type="checkbox"/> Microchip <b>991001002457419</b>		Registration number of sire: <b>NW00013717</b>	Registration number of dam: <b>NW00010617</b>	
Owner name: <b>DISCOVERY TAILS LABRADOODLES LLC</b>	Co-Owner name:	Examining veterinarian's name or veterinary hospital: <b>HURRICANE RIDGE VETERINARY HOSPITAL</b>	Date of Evaluation (mm/dd/yy): <b>6/10/19</b>	
Mailing address: <b>PO BOX 2375</b>		Mailing Address: <b>660 N 7TH AVE</b>		
City: <b>SEQUIM</b>	State: <b>WA</b>	Zip/postal code: <b>98382</b>	City: <b>SEQUIM</b>	State: <b>WA</b>
Phone: <b>(360) 808-9800</b>	E-mail: <b>DISCOVERYTAILS@GMAIL.COM</b>	Phone: <b>(360) 681-0117</b>	E-mail: <b>RECEPTION@HURRICANERIDGEVET.COM</b>	

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

*Debbie De Co*

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

### 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
- Pulmonary valve area
- Aortic or subaortic 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 tattoo/microchip on this dog  I DID NOT verify tattoo/microchip on this dog

Veterinarian Signature: \_\_\_\_\_ Specialty:  Practitioner,  Specialist,  Cardiologist

Date: **6/10/19**

**Fees** Animals Over 12 Months ..... \$15.00 **Kennel Rate**—Individuals submitted as a group, owned/co-owned by same person.  
 Litter of 3 or more submitted together ..... \$30.00 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 check, money order, (U.S. funds drawn on a U.S. bank) cash, Visa, or Mastercard, payable to the Orthopedic Foundation for Animals.

Visa/Master Card Number \_\_\_\_\_ Name on Card \_\_\_\_\_ Exp Date \_\_\_\_\_ CVV (security code) \_\_\_\_\_



4/13/12 CASE: 197EQT

Affected Animals, Statistical Data Submission and Resubmissions at No Charge

Office Use Only  
 APPL \_\_\_\_\_  
 RAD \_\_\_\_\_  
 CK \_\_\_\_\_



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## Application for Patellar Luxation Database

Registered name: <b>BAYSIDE MCKINLEY'S DISCOVERY MAC</b>			Registration number: <input type="checkbox"/> AKC <input type="checkbox"/> CKC		Other registry name: <b>WALA</b>	
Breed: <b>AUSTRALIAN LABRADOODLE</b>			Sex: <b>M</b>		Date of Birth (month-day-year): <b>12/09/2018</b>	
ID Number (if any): <input type="checkbox"/> Tattoo <input checked="" type="checkbox"/> Microchip <b>991001002457419</b>			Registration number of sire: <b>NW00013717</b>		Registration number of dam: <b>NW00010617</b>	
Owner name: <b>DISCOVERY TAILS LABRADOODLES LLC</b>			Date of evaluation (month-day-year): <b>06/10/2019</b>			
Co-Owner name:			Examining veterinarian's name or veterinary hospital: <b>HURRICANE RIDGE VETERINARY HOSPITAL</b>			
Mailing address: <b>PO BOX 2375</b>			Mailing Address: <b>660 N 7TH AVE</b>			
City: <b>SEQUIM</b>		State: <b>WA</b>	Zip/postal code: <b>98382</b>		City: <b>SEQUIM</b>	
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Phone: <b>(360) 808-9800</b>		E-mail: <b>DISCOVERYTAILS@GMAIL.COM</b>		Phone: <b>(360) 681-0117</b>		E-mail: <b>RECEPTION@HURRICANERIDGEVET.COM</b>

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

*Valer M...*

### 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).

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

*Valer M...*  
 Veterinarian Signature Specialty:  Practitioner,  Specialist Date: **6/10/19**

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

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

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

Visa/Master Card Number Name on Card Exp Date CVV (security code)



Affected dogs and resubmits are no charge  
 CASE: 19GGDB