

## Laboratory Report

<b>Laboratory #:</b>	198060	<b>Call Name:</b>	Maisie
<b>Order #:</b>	93189	<b>Registered Name:</b>	Discovery Tails Maisie
<b>Ordered By:</b>	Vicki McCormack	<b>Breed:</b>	Australian Labradoodle
<b>(Co-)Owner:</b>	Vicki McCormack	<b>Sex:</b>	Female
<b>Ordered:</b>	Nov. 28, 2020	<b>DOB:</b>	Sept. 2020
<b>Received:</b>	Nov. 30, 2020	<b>Registration #:</b>	-
<b>Reported:</b>	Dec. 14, 2020		

### 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)
Macular Corneal Dystrophy (Labrador Retriever Type)	<i>CHST6</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)

### 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.

**ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.**

**DISCOVERY TAILS MAISIE**  
*registered name*

**AUSTRALIAN LABRADOODLE**  
*breed*

**521813**  
*film/test/lab #*

**933000320292009**  
*tattoo/microchip/DNA profile*

**2265325**  
*application number*

**07/23/2021**  
*date of report*

**RESULTS:**

Based upon the exam dated 07/13/2021, 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.

**WALA0060481**  
*registration no.*

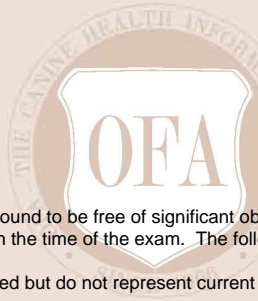
**F**  
*sex*

**09/16/2020**  
*date of birth*

**9**  
*age at evaluation in months*



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**LD-EYE3397/9F-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



Verify certificate  
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: 07/23/2021

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**  
**Elbow Dysplasia Evaluation Report**



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DISCOVERY TAILS MAISIE  
*registered name*

WALA0060481  
*registration no.*

AUSTRALIAN LABRADOODLE  
*breed*

F  
*sex*

*film/test/lab #*

09/16/2020  
*date of birth*

933000320292009  
*tattoo/microchip/DNA profile*

9  
*age at evaluation in months*

2265325  
*application number*

07/02/2021  
*date of report*

**Owner**

VICKI MCCORMACK  
81 EASTGATE PL  
SEQUIM WA 98382

**Veterinarian**

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

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

*G.G. Keller DVM*

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

**Orthopedic Foundation for Animals**  
**Hip Dysplasia Evaluation Report**



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Organization

DISCOVERY TAILS MAISIE  
*registered name*

WALA0060481  
*registration no.*

AUSTRALIAN LABRADOODLE  
*breed*

F  
*sex*

*film/test/lab #*

09/16/2020  
*date of birth*

933000320292009  
*tattoo/microchip/DNA profile*

9  
*age at evaluation in months*

2265325  
*application number*

07/02/2021  
*date of report*

**Owner**

VICKI MCCORMACK  
81 EASTGATE PL  
SEQUIM WA 98382

**Veterinarian**

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

Preliminary Hip Dysplasia Evaluation Report

\_\_\_\_\_ **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

*G.G. Keller, DVM*

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

Office Use Only  
 APPL \_\_\_\_\_  
 RAD \_\_\_\_\_  
 CK \_\_\_\_\_  
 21VGJ5



# Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201  
 Phone (573) 442-0418 | Fax (573)875-5073  
 Email ofa@ofa.org | www.ofa.org  
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## Application for Patellar Luxation Database

Registered name: DISCOVERY TAILS MAISIE			AKC registration number:		Other registry name: WALA Other registry #: 0060481	
Breed: AUSTRALIAN LABRADOODLE		Sex: F	Date of birth (MM/DD/YY): 09/16/2020			
Microchip/tattoo: 933000320292009		Registration number of sire: 911001001480018		Registration number of dam: 911001001448096		
Owner name: VICKI MCCORMACK			Date of evaluation (MM/DD/YY): 06/18/2021			
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 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  > 12 months  
 6-12 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

Veterinarian Signature \_\_\_\_\_ Specialty:  Practitioner  Specialist Date *06/18/2021*

**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 the form to OFA

Card number \_\_\_\_\_ Cardholder name \_\_\_\_\_ Exp MM/YY \_\_\_\_\_ CV \_\_\_\_\_



CASE: 21VGJ5  
 Affected dogs and resubmits are no charge

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## Application for Basic Cardiac Database

Registered name: DISCOVERY TAILS MAISIE			AKC registration number:		Other registry name: WALA	
Breed: AUSTRALIAN LABRADOODLE			Sex: F	Date of birth (MM/DD/YY): 09/16/2020		
Microchip/tattoo: 933000320292009			Registration number of sire: 911001001480018		Registration number of dam: 911001001448096	
Owner name: VICKI MCCORMACK		Co-Owner name:		Examining veterinary/clinic: HURRICANE RIDGE VETERINARY HOSPITAL		Date of evaluation (MM/DD/YY): 06/18/2021
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 animal examined is the animal described on this application. I understand that by submitting these results to the OFA, if the animal was 12 months or older at the time of the exam, the results will be released to the public. Exams on animals under 12 months of age are considered preliminary, are not eligible for OFA certification numbers, and the results will not be released to the public.

Signature of owner or authorized representative Vicki McCormack

### Veterinary Exam Results

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

AUSCULTATION (REQUIRED)						
Normal	<input checked="" type="checkbox"/>	Abnormal	<input type="checkbox"/>	Arrhythmia	<input type="checkbox"/>	
Murmur Grade:	I <input type="checkbox"/>	II <input type="checkbox"/>	III <input type="checkbox"/>	IV <input type="checkbox"/>	V <input type="checkbox"/>	VI <input type="checkbox"/>
PMI:	Left <input type="checkbox"/>	Right <input type="checkbox"/>	Base <input type="checkbox"/>	Apex <input type="checkbox"/>		
Timing:	Systolic <input type="checkbox"/>	Diastolic <input type="checkbox"/>	Continuous <input type="checkbox"/>			
Extra Sounds:	Click <input type="checkbox"/>	Gallop <input type="checkbox"/>	Split S1 <input type="checkbox"/>	Split S2 <input type="checkbox"/>		

#### Summary evaluation and opinion of the examiner:

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

\_\_\_\_\_

<input checked="" type="checkbox"/> I certify that the standards for cardiac examination as set forth by the OFA were carefully followed in performing this examination.		
<input checked="" type="checkbox"/> I DID verify microchip/tattoo on this dog	<input type="checkbox"/> I DID NOT verify microchip/tattoo on this dog	
<b>Veterinarian Signature</b>	Check one box: <input checked="" type="checkbox"/> Practitioner, <input type="checkbox"/> Specialist, <input type="checkbox"/> Cardiologist	Date: 06/18/2021

**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

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 \_\_\_\_\_ CVV \_\_\_\_\_



03/2021 CASE: 21VGJ5

## Coat Color and Trait Certificate

<b>Call Name:</b>	Maisie	<b>Laboratory #:</b>	198060
<b>Registered Name:</b>	Discovery Tails Maisie	<b>Registration #:</b>	-
<b>Breed:</b>	Australian Labradoodle	<b>Certificate Date:</b>	Dec. 14, 2020
<b>Sex:</b>	Female		
<b>DOB:</b>	Sept. 2020		

### 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	Black or brown coat, nose and foot pads (carries at least one copy of brown)
E Locus (Yellow/Red)	<i>MC1R</i>	e/e	Yellow/red
IC Locus (Improper Coat/Furnishings)	<i>RSPO2</i>	F/F	Furnishings
S Locus (White Spotting, Parti, or Piebald)	<i>MITF</i>	S/s <sup>P</sup>	Limited white spotting, flash, parti, or piebald (carrier)

### Interpretation:

This dog carries one or more copies of the four possible b mutations and has a B locus genotype of **B/b** or **b/b** that cannot be distinguished without additional testing of parental samples or by examining the coat, nose and footpad color of the dog. Dogs inherit two copies of the B locus, one from each parent. Because there are four different B locus mutations that can potentially be identified, as well as some limitations inherent to genetic testing methodologies currently available, a result of "B/b or b/b" means that it cannot be determined if the b mutations identified in this dog are present on the same copy of the B locus inherited from one parent or if they occur on separate copies of the B locus inherited from each of the parents. If the mutations identified are all present on the same copy of the B locus, this dog will have a **B/b** genotype and typically will have a black coat, nose and footpads. If the mutations identified are present on different copies of the B locus, this dog will have a **b/b** genotype and may have a brown coat, and will typically have a brown nose and footpads. Depending on the breed, b/b dogs may be referred to as brown, chocolate, liver or red. However, this dog's coat color is dependent on the genotypes of many other genes. The B locus genotype for this dog can be inferred without the need for parental testing by evaluating the color of this dog's nose. If this dog's nose is brown, the B locus genotype of this dog must be **b/b** and this dog will pass one copy of **b** to 100% of its offspring. If this dog's nose is black, the final B locus genotype of this dog must be **B/b** and this dog will pass one copy of **B** to 50% of its offspring and one copy of **b** to 50% of its offspring. In either case, this dog carries at least one copy of **b** and can produce b/b offspring if bred to a dog that is also a carrier of a b mutation (B/b or b/b).

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 does not carry the mutations for improper coat or weak furnishings 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 **S** and one copy of **s<sup>P</sup>** which results in limited white spotting, flash, parti, or piebald coat color due to the co-dominance of **S** and **s<sup>P</sup>**. This dog will pass on one copy of **S** to 50% of its offspring and

## Paw Print DNA Profiling™ Certificate

<b>Call Name:</b>	Maisie	<b>Laboratory #:</b>	198060
<b>Registered Name:</b>	Discovery Tails Maisie	<b>Registration #:</b>	-
<b>Breed:</b>	Australian Labradoodle	<b>Certificate Date:</b>	Dec. 14, 2020
<b>Sex:</b>	Female		
<b>DOB:</b>	Sept. 2020		



This certificate displays a graphical representation of your dog's unique DNA profile



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

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

Paw Print Genetics® performed testing on the dog(s) listed on this certificate. Because this test is a DNA-based method, rare genomic variations may occur 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.