

# Orthopedic Foundation for Animals Preliminary (Consultation) Report



A Not-For-Profit  
Organization

DISCOVERY TAILS JASMINE  
registered name  
  
AUSTRALIAN LABRADOODLE  
breed

WALA00013365  
registration number  
  
F  
sex

602601313  
tattoo/microchip/DNA profile  
  
2097235  
application number

3/14/2019  
date of birth  
  
6  
age at evaluation in months  
  
10/14/2019  
date of report

film/case no(s)

Owner  
DISCOVERY TAILS LABRADOODLES LLC  
PO BOX 2375  
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

✓ \_\_\_\_\_ **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

#### HIP JOINTS - STANDARD VD VIEW 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

#### 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 _____

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

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.



DISCOVERY TAILS JASMINE  
*registered name*

ALAA082161  
*registration no.*

AUSTRALIAN LABRADOODLE  
*breed*

F  
*sex*

521657  
*film/test/lab #*

3/14/2019  
*date of birth*

602601313  
*tattoo/microchip/DNA profile*

8  
*age at evaluation in months*



A Not-For-Profit Organization

2110868  
*application number*

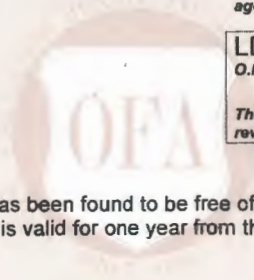
LD-EYE2357/8F-VPI  
*O.F.A. NUMBER*

12/11/2019  
*date of report*

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

**RESULTS:**

Based upon the exam dated 11/26/2019, 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

VICKI MCCORMACK  
PO BOX 2375  
SEQUIM, WA 98382

*G.G. Keller, D.V.M.*

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

www.ofa.org

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# Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201-3806

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

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## Application for Patellar Luxation Database

Registered name: <b>DISCOVERY TAILS JASMINE</b>		Registration number: <input type="checkbox"/> AKC <input type="checkbox"/> CKC		Other registry name: <b>WALA</b>	
Breed: <b>AUSTRALIAN LABRADOODLES MEDIUM</b>		Sex: <b>F</b>	Date of Birth (month-day-year): <b>03/14/2019</b>		
ID Number (if any): <input type="checkbox"/> Tattoo <input checked="" type="checkbox"/> Microchip <b>620601313</b>		Registration number of sire: <b>ALAA-0058758</b>		Registration number of dam: <b>ALAA-0055771</b>	
Owner name: <b>DISCOVERY TAILS LABRADOODLES LLC</b>		Date of evaluation (month-day-year):			
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>	State: <b>WA</b>	Zip/postal code: <b>98382</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 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 *Nicki McCabe*

### 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

Veterinarian Signature \_\_\_\_\_ Specialty:  Practitioner,  Specialist Date **10/07/2019**

**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

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)



Affected dogs and resubmits are no charge  
 CASE: 194UV5

## Laboratory Report

### \*\* Amended Report \*\*

<b>Laboratory #:</b>	130964	<b>Call Name:</b>	Jasmine
<b>Order #:</b>	65915	<b>Registered Name:</b>	-
<b>Ordered By:</b>	Vicki McCormack	<b>Breed:</b>	Australian Labradoodle
<b>(Co-)Owner:</b>	Vicki McCormack	<b>Sex:</b>	Female
<b>Ordered:</b>	Sept. 7, 2019	<b>DOB:</b>	March 2019
<b>Received:</b>	Sept. 9, 2019	<b>Registration #:</b>	-
<b>Reported:</b>	Sept. 12, 2019		
<b>Amended:</b>	Sept. 27, 2019		

### 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/M	Carrier
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 seven of the mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these seven mutations. However, we identified one normal copy and one mutant copy of the DNA sequences for *PRCD*. Thus, this dog is a carrier of Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration.

### Recommendations:

Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration is inherited in an autosomal recessive fashion. Based on this, and the fact that this dog showed a mutation in one copy of the *PRCD* gene, this dog is a carrier of this disease. Although dogs that carry only one copy of this mutation will not be clinically affected, if bred with another carrier, the pairing could produce affected offspring. To avoid producing affected offspring, this dog should be bred with dogs that are normal (WT/WT) for this gene. Dogs related to this dog have an increased risk to be affected by or carry the mutated gene. Additional testing for this mutation is indicated for related dogs.

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.

## Coat Color and Trait Certificate

<b>Call Name:</b>	Jasmine	<b>Laboratory #:</b>	130964
<b>Registered Name:</b>	-	<b>Registration #:</b>	-
<b>Breed:</b>	Australian Labradoodle	<b>Certificate Date:</b>	Oct. 13, 2019
<b>Sex:</b>	Female		
<b>DOB:</b>	March 2019		

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

Coat Color/Trait Test	Gene	Genotype	Interpretation
B Locus (Brown)	<i>TYRP1</i>	b/b	Brown coat, nose and foot pads
IC Locus (Improper Coat/Furnishings)	<i>RSPO2</i>	F/F	Furnishings
M Locus (Merle)	<i>PMEL</i>	m/m	Non merle

**Interpretation:**

This dog carries two copies 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 100% of its offspring.

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 two copies of **m**, the non-merle, wild-type allele of the *PMEL* gene, and, therefore, does not have a merle coat color/pattern. This dog will pass on one copy of the **m** allele 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.



**Helen F Smith, PhD**  
Assistant Laboratory Director



**Christina J Ramirez, PhD, DVM, DACVP**  
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.

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

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## Application for Congenital Cardiac Database

Registered name: <b>DISCOVERY TAILS JASMINE</b>		Registration number: <input type="checkbox"/> AKC <input type="checkbox"/> CKC	Other registry name: <b>WALA</b>	
		Other registry #: <b>00013365</b>		
Breed: <b>AUSTRALIAN LABRADOODLE</b>	Sex: <b>F</b>	Date of Birth (month-day-year): <b>03/14/2019</b>		
ID Number (if any): <input type="checkbox"/> Tattoo <input checked="" type="checkbox"/> Microchip <b>602601313</b>	Registration number of sire: <b>ALAA-0058758</b>		Registration number of dam: <b>ALAA-0055771</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):
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>
				Zip/postal code: <b>98382</b>
Phone: <b>(360) 808-9800</b>	E-mail: <b>DISCOVERYTAILS@GMAIL.COM</b>	Phone: <b>(360) 681-0117</b>	E-mail: <b>TECHNICIAN@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 *Vicki McL...*

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 public.	<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 <i>vm</i>	INITIAL <i>vm</i>

### 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
- 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 **10/6/2019**

**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) \_\_\_\_\_



Affected Animals, Statistical Data Submission and Resubmissions at No Charge

*\*Note: At the client's request, this laboratory report and accompanying Canine Genetic Health Certificate™ were amended on Sept. 27, 2019 to update the call name for this dog.*



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**Helen F Smith, PhD**  
Assistant Laboratory Director



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

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