

Laboratory Report

** Amended Report **

Laboratory #:	166353	Call Name:	Millie
Order #:	74716	Registered Name:	Discovery Tails Thoroughly Modern Millie
Ordered By:	Vicki McCormack	Breed:	Australian Labradoodle
Ordered:	Feb. 29, 2020	Sex:	Female
Received:	March 2, 2020	DOB:	Feb. 2020
Reported:	March 10, 2020	Registration #:	-
Amended:	April 7, 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)
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 7, 2020 to update the call name and registered name for this dog.*

Coat Color and Trait Certificate

Call Name:	Millie	Laboratory #:	166353
Registered Name:	Discovery Tails Thoroughly Modern Millie	Registration #:	-
Breed:	Australian Labradoodle	Certificate Date:	April 7, 2020
Sex:	Female		
DOB:	Feb. 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	Black coat, nose and foot pads
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	No white spotting, flash, parti, or piebald

Interpretation:

This dog carries two copies of **B** at all three of the b^c , b^d and b^s loci 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 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 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 **S** which results in a solid coat with no white spotting, flash, parti, or piebald coat color. This dog will pass on one copy of **S** 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.

**Note: At the client's request, this certificate was amended on April 7, 2020 to update the call name and registered name for this dog.*

Orthopedic Foundation for Animals
Hip Dysplasia Evaluation Report



A Not-for-Profit
Organization

DISCOVERY TAILS THOROUGHLY MODERN MILLIE WALA00036434
registered name *registration no.*

AUSTRALIAN LABRADOODLE
breed

F
sex

film/test/lab #

02/04/2020
date of birth

93300032029010
tattoo/microchip/DNA profile

8
age at evaluation in months

2188448
application number

11/09/2020
date of report

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

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

Orthopedic Foundation for Animals
Elbow Dysplasia Evaluation Report



A Not-for-Profit
Organization

DISCOVERY TAILS THOROUGHLY MODERN MILLIE WALA00036434
registered name *registration no.*

AUSTRALIAN LABRADOODLE
breed

F
sex

film/test/lab #

02/04/2020
date of birth

93300032029010
tattoo/microchip/DNA profile

8
age at evaluation in months

2188448
application number

11/09/2020
date of report

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

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, MS, DACVR
CHIEF OF VETERINARY SERVICES

Office Use Only

APPL _____

RAD _____

CK _____



Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201
 Phone (573) 442-0418; Fax (573) 875-5073
 www.ofa.org
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Application for Basic Cardiac Database

Registered name: DISCOVERY TAILS THOROUGHLY MODERN MILLIE "MILLIE"			AKC registration number:		Other registry name: WALA Other registry #: WALA00036434	
Breed: AUSTRALIAN LABRADOODLE		Sex: F		Date of birth (MM/DD/YY): 02/04/2020		
Microchip/tattoo: 93300032029010			Registration number of sire: WALA00013431		Registration number of dam: WALA00009344	
Owner name: VICKI MCCORMACK		Co-Owner name:		Examining veterinary/clinic: HURRICANE RIDGE VETERINARY HOSPITAL		Date of evaluation (MM/DD/YY): 10/19/2020
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

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—no evidence of congenital or acquired heart disease was noted through auscultation in the Basic Cardiac Exam. Since acquired heart disease may develop later, these evaluation results remain valid for one year, and annual examinations are recommended to continue to monitor cardiac health.
- ☐ 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
Veterinarian Signature _____	Check one box: <input checked="" type="checkbox"/> Practitioner, <input type="checkbox"/> Specialist, <input type="checkbox"/> Cardiologist
	Date: 10/19/2020

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 \$15.00

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.

Card number

Cardholder name

Exp date MM/YY

CVV



CASE: 20N7LY

Office Use Only
 APPL _____
 RAD _____
 CK _____
 20N7LY



Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201

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

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Application for Patellar Luxation Database

Registered name: DISCOVERY TAILS THOROUGHLY MODERN MILLIE "MILLIE"			AKC registration number:			Other registry name: WALA		
Breed: AUSTRALIAN LABRADOODLE			Sex: F			Date of birth (MM/DD/YY): 02/04/2020		
Microchip/tattoo: 93300032029010			Registration number of sire: WALA00013431			Registration number of dam: WALA00009344		
Owner name: VICKI MCCORMACK			Date of evaluation (MM/DD/YY): 10/19/2020					
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 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

Veterinarian Signature

Specialty: ☒ Practitioner ☐ Specialist

Date

10/19/2020

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

Card number

Cardholder name

Exp MM/YY

CW

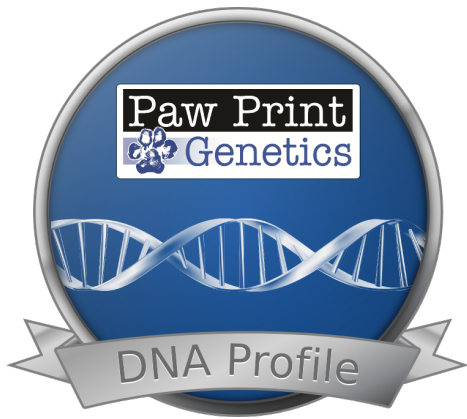


CASE: 20N7LY

Affected dogs and resubmits are no charge

Paw Print DNA Profiling™ Certificate

Call Name:	Millie	Laboratory #:	166353
Registered Name:	Discovery Tails Thoroughly Modern Millie	Registration #:	-
Breed:	Australian Labradoodle	Certificate Date:	April 7, 2020
Sex:	Female		
DOB:	Feb. 2020		



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



Helen F Smith, PhD
Assistant Laboratory Director

Robert D. Westra, MS, DVM
Assistant 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.