

# AMERICAN KENNEL CLUB

NAME

LILY OF LOYAL HEART

NUMBER

**WS72751209**

BREED

PORTUGUESE WATER DOG

SEX

**FEMALE**

COLOR

BLACK, WHITE MARKINGS

DATE OF BIRTH

**JUNE 17, 2021**

SIRE

KYBRA REMINGTON

*Certificate Issued*

October 25, 2021

WS68856001 (03/21) AKC DNA #V932867 CANADA

DAM

KYBRA BAILY

WS67919101 (10/20) OFA27F OFEL27 AKC DNA #V933488 CANADA

BREEDER

WESLEY MILLER & BETTY MILLER

OWNER

LEON YODER



**AMERICAN  
KENNEL CLUB®**

If a date appears after the name and number of the sire and dam, it indicates the issue of the Stud Book Register in which the sire or dam is published.

*This certificate issued with the right to correct or revoke by the American Kennel Club.*

**REGISTRATION CERTIFICATE**

## Canine Genetic Health Certificate™

<b>Call Name:</b>	Lily	<b>Laboratory #:</b>	301239
<b>Registered Name:</b>	-	<b>Registration #:</b>	-
<b>Breed:</b>	Portuguese Water Dog	<b>Certificate Date:</b>	July 15, 2022
<b>Sex:</b>	Female		
<b>DOB:</b>	Nov. 2021		

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

Disease	Gene	Genotype	Interpretation
GM1 Gangliosidosis (Portuguese Water Dog Type)	GLB1	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (clear)

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



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



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

Paw Print Genetics® performed the testing on the dog listed on this certificate. 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. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s) accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. 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>	301239	<b>Call Name:</b>	Lily
<b>Order #:</b>	141973	<b>Registered Name:</b>	-
<b>Ordered By:</b>	Leon Yoder	<b>Breed:</b>	Portuguese Water Dog
<b>Ordered:</b>	June 22, 2022	<b>Sex:</b>	Female
<b>Received:</b>	July 11, 2022	<b>DOB:</b>	Nov. 2021
<b>Reported:</b>	July 15, 2022	<b>Registration #:</b>	-

### Results:

Disease	Gene	Genotype	Interpretation
GM1 Gangliosidosis (Portuguese Water Dog Type)	GLB1	WT/WT	Normal (clear)
Progressive Retinal Atrophy, Progressive Rod-Cone Degeneration	PRCD	WT/WT	Normal (clear)

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

### Interpretation:

Molecular genetic analysis was performed for two specific mutations reported to be associated with disease in dogs. We identified two normal copies of the DNA sequences in two mutations tested. Thus, this dog is not at an increased risk for the diseases associated with these two mutations.

### 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.



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Associate Laboratory Director



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

Paw Print Genetics® performed the tests listed on this dog. 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. The results included in this report relate only to the items tested using the sample provided. These tests were developed and their performance determined by Paw Print Genetics. This laboratory has established and verified the test(s) accuracy and precision with >99.9% sensitivity and specificity. The presence of mosaicism may not be detected by this test. Non-paternity may lead to unexpected results. This is not a breed identification test. Because all tests performed are DNA-based, rare genomic variations may interfere with the performance of some tests producing false results. If you think any 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.

**ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.**

LILY OF LOYAL HEART  
*registered name*

PORTUGUESE WATER DOG  
*breed*

*film/test/lab #*

991003000567420  
*tattoo/microchip/DNA profile*

2627264  
*application number*

05/13/2025  
*date of report*

**RESULTS:**

Based upon the exam dated 05/09/2025, 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.

WS72751209  
*registration no.*

F  
*sex*

06/17/2021  
*date of birth*

46  
*age at evaluation in months*



A Not-For-Profit Organization

PW-EYE5662/46F-VPI  
*O.F.A. NUMBER*

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

NORMAL

**owner**  
LEON YODER  
2242 PRIVATE RD 446  
SUGARCREEK OH 44681

OFA eCert



Verify QR scan

*G.G. Keller, DVM*

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

[www.ofa.org](http://www.ofa.org)

This electronic OFA certificate was generated on: 05/13/2025

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@OFA.ORG](mailto:CORRECTIONS@OFA.ORG) to request a correction.

Orthopedic Foundation for Animals, Inc.  
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Columbia, MO 65201-3806

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