

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
WS68856001 (03/21) AKC DNA #V932867 CANADA

Certificate Issued
October 25, 2021

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™

Call Name:	Lily	Laboratory #:	301239
Registered Name:	-	Registration #:	-
Breed:	Portuguese Water Dog	Certificate Date:	July 15, 2022
Sex:	Female		
DOB:	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

Laboratory #:	301239	Call Name:	Lily
Order #:	141973	Registered Name:	-
Ordered By:	Leon Yoder	Breed:	Portuguese Water Dog
Ordered:	June 22, 2022	Sex:	Female
Received:	July 11, 2022	DOB:	Nov. 2021
Reported:	July 15, 2022	Registration #:	-

Results:

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