ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

ARMADA'S LET IT RAIN, CAN CH registered name

PORTUGUESE WATER DOG

LUJ 1Z RF

tattoo/microchip/DNA profile

1684689 application number

11/11/2014 date of report

Based upon the radiograph submitted, the consensus was that no evidence of elbow dysplasia was recognized.

ZN500395

registration no.

M

sex

MICHELLE HARDMAN 1107 8TH STREET SE CALGARY, AB T2G2Z6 CANADA

ZN500395 registration no.

M sex

7/27/2012 date of birth

27

age at evaluation in months

A Not-For-Profit Organization

PW-EL2969M27-VPI

O.F.A. NUMBER

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

NORMAL

Y Keller DIM G.G.KELLER. D.V.M., M.S., DACVR

CHIEF OF VETERINARY SERVICES

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

ARMADA'S LET IT RAIN, CAN CH registered name

PORTUGUESE WATER DOG breed

LUJ 1Z RF tattoo/microchip/DNA profile

1684689 application number

11/11/2014 date of report

Based upon the radiograph submitted, the consensus was that no evidence of hip dysplasia was recognized. The hip joint conformation was evaluated as:

GOOD

MICHELLE HARDMAN 1107 8TH STREET SE CALGARY, AB T2G2Z6 CANADA

7/27/2012 date of birth age at evaluation in months A Not-For-Profit Organization

PW-7233G27M-VPI O.F.A. NUMBER

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

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

www.offa.org



Orthopedic Foundation for Animals

2300 E Nifong Blvd, Columbia, MO 65201-3806 Phone: (573) 442-0418; Fax: (573)875-5073 www.offa.org, A not-for-profit organization

July 27, 2012	Registration Number: DAKC REJSTATION FOO 39 S	Portuguese Water Downber (If any): "Stration	Registered name: CH. Armada's Let it Rain
NOV 1, 2014	□ Other	Ter Dog M	Let it Rain

Owner/Co-owner Name: N. Chelle Hardman
Co-Owner Name: Phone:

owner Address: 8th St. SE

City: Calgary Shate: Zip/postal code:

E-Mail (use both lines if needed):

Mhard man 2 cc3@gma

- COX

non-passing results to the public 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 hereby certify that the animal examined is the animal described on this application. I

signature of owner or authorized agent/representative

of the animal described on this application to the public if the results are non-passing (initials) I hereby authorize the OFA to release the results of the evaluation

OFA Eye Clearance Database

owned/co-owned by same person
Kennel Rate—Minimum of 5 individuals submitted as a group,
Litter of 3 or more submitted together\$30.00
Resubmits: \$8.00
Initial submission \$12.00

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

To pay by Credit Card, see the back of the WHITE sheet.

Companion Animal Eye Registry (CAER)

persistent hyaloid artery	PHPV/PTVL		□ subluxation/luxation □	□ significance of cataract unknown	resorbing/hypermature	☐ generalized/complete ☐	□ □ capsular □ □	A/ P D D nucleus D D	□ □ □ posterior sutures □		□ equatorial cortex □ □	□ □ posterior cortex □ □ □	□ □ □ anterior cortex □ □	CATARACT Incomp.	LENS	□□□□□ persistent pupillary membranes		pigmentary uveitis	iris sphincter dysplasia	ent f	iris coloboma	n uveal cyst	cilia iris ant	हं 🛘 exposure/pigmentary keratitis 🗬	amb Dan		☐ dystrophy—epithelial/stromal ☐	CORNEA	nlasmoma/atynical panniis	☐ gland prolapse	□ cartilage anomaly/eversion □	() imperforate lacrimal punctum	ectopic cilia 🔲	CORNEA distichiasis	ectropion	□ entropion □	EYELIDS	☐ glaucoma ☐	☐ keratoconjunctivitis sicca ☐	microphthalmos	RIGHTEYE GLOBE LEFTEYE
syner ant. c	esis ham	ber					_	A / P)	(CATARACT			iris i iris i iris s lens	to le to co shee s pig	ens orne ets Ime	nt f	oci/	no	iris cilia stra	ary t	ody				A // // P			_	Z) ¬	CORNEA	(300)	Saskatoon,	Unive	Bianca	Lynne	B H G	[]nhthale
					COLLINEIRS		Diplomate. American Callege of Veterinary Ophthalmalagists	~ 17/1 20.11.	Signific AcVor Date	pharmacological mydriasis, ophthalmoscopy, and biomicroscopy.	I certify that I have performed this ophthalmic examination using		I DID NOT verify microchip/tattoo on this dog	☐ I DID verify microchip/tattoo on this dog	NOWWAL	NODANA	as not inherited	☐ Unlisted conditions suspected ☐	inherited. Describe in comments	Unlisted conditions suspected as	OTHER CONDITIONS			☐ optic nerve hypoplasia ☐	☐ optic nerve coloboma ☐	Coloboma 🗆	cnoroidal hypoplasia	L C retinal dyspiasia C C] ge	lds retinopathy I ds	aphic retinal atrophy— generalized aphic		retinal detachment	RIGHT EVE FUNDIS LEET EVE	900	toon, Saskalchewall S/W 357	University of Saskatchewan	Bianca Bauer, DVM, (Diplomate Sciences		rahn, DVM, (Diplomate ABVP – ACVO), 170	

WHITE = Owner/OFA Registration copy; YELLOW = ACVO Research copy; PINK = ACVO Diplomate copy degeneration



Section of Medical Genetics School of Veterinary Medicine University of Pennsylvania jdcmtest@vet.upenn.edu



Michelle Hardman 184 Hidden Spring Cl. NW Calgary AB T3A 5J4 Canada

November 14, 2014

Owner Information

Owner:

Michelle Hardman

Co-Owners:

Dog Information

Registered Name:

Armada's Let It Rain

Call Name:

Splash

CKC#: ZN 500395

Date of Birth:

7/27/2012

Sex: male

JDCM Linked Marker DNA Test Information

Test Pattern/Genotype:

1-1

Test Result:

probable normal

Test ID Number: 7229

tel: 215-898-8894

fax: 215-573-2162

Type of Sample:

Cheek Swabs

Result Interpretation:

1-1 (probable normal) dogs are not expected to develop JDCM, nor are they expected to pass a JDCM-causing gene to their offspring. Due to the inherent nature of linked marker tests, there is a slight chance that a pattern 1-1 dog is a carrier of JDCM and an even smaller chance that a pattern 1-1 dog is affected (see JDCM linked marker DNA test FAQ

sheet at www.pwdca.org or www.pwdfoundation.org).

Sincerely,

Paula S. Henthorn, PhD **Section of Medical Genetics School of Veterinary Medicine** University of Pennsylvania



Test Report

Michelle Hardman 184 Hidden Spring Close NW Calgary, Alberta T3A 5J4 Canada Optigen Accession #: 14-9359 Report issued for: Splash

OptiGen Test Certificate

Optigen Accession #: 14-9359

Test Performed: GM1

Registered Name: Ch. Armada's Let It Rain

Breed: Portuguese Water Dog

Sex: Male

Date of Birth: July 27, 2012

Owner(s):

Michelle Hardman

Test Completed: 10/17/2014 Report Issued: 10/17/2014

Result: Normal Sample Type: Swab

Reg#: ZN500395

ID#: LUJ 1Z

OPTIGEN

OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is: NORMAL/CLEAR

Risk for developing GM1: This dog will not develop the form of storage disorder caused by the GM1 mutation.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no pups affected with disease due to the GM1 mutation.

Other forms of storage disease(s): Please note that the GM1 DNA test is only able to identify the single mutation currently known as GM1 in the PWD. DNA tests do not replace the importance of regular veterinary clinical assessments of breeding stock.

For further information, please consult the OptiGen website at www.optigen.com

International DNA Based Genetic Database: To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073, www.offa.org

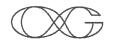
I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information

Signature of owner or authorized representative:

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257.0353



OPTIGEN "LLC

Test Report

Michelle Hardman 184 Hidden Spring Close NW Calgary, Alberta T3A 5J4 Canada Optigen Accession #: 14-9359 Report issued for: Splash

OptiGen Test Certificate

Optigen Accession #: 14-9359

Test Performed: prcd Mutation Test for PRA

Registered Name: Ch. Armada's Let It Rain

Breed: Portuguese Water Dog

Sex: Male

Date of Birth: July 27, 2012

Owner(s):

Michelle Hardman

Test Completed: 10/17/2014 Report Issued: 10/17/2014

Result: Carrier Sample Type: Swab

Reg#: ZN500395

ID#: **LUJ 1Z**



OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is CARRIER.

Risk for developing PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). So far, the only inherited PRA disease known in dogs of your breed is the prcd form of PRA.

Significance for breeding: Carrier dogs should be bred only to a mate of Normal/Clear genotype to avoid producing pups affected with the prcd form of PRA.

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the prod form of PRA in Portuguese Water Dogs as of the date on this report.

For further information, please consult the OptiGen website at www.optigen.com. Note: The use of this test is patent protected and licensed to OptiGen. See http://www.optigen.com/opt9_patent.html for details.

International DNA Based Genetic Database: To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. www.offa.org

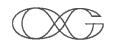
I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative:

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257.0353



Test Report

Michelle Hardman 184 Hidden Spring Close NW Calgary, Alberta T3A 5J4 Canada Optigen Accession #: 14-9359 Report issued for: Splash

OptiGen Test Certificate

Optigen Accession #: 14-9359

Test Performed: Improper Coat Test

Registered Name: Ch. Armada's Let It Rain

Breed: Portuguese Water Dog

Sex: Male

Date of Birth: July 27, 2012

Owner(s):

Michelle Hardman

Test Completed: 10/17/2014 Report Issued: 10/17/2014

Result: Normal Sample Type: Swab

Reg#: ZN500395

ID#: LUJ 1Z



OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is Normal for Improper Coat (IC)

Risk for having IC. This dog will never exhibit the Improper Coat that is detected by the IC13 DNA test. So far, this test is able to detect the only identified form of IC in the breed and is responsible for at least 95% of the IC cases. It is important to remember, however, that other infrequent genes also may determine IC and that this test is only reliable as a test for the presence or absence of this particular mutation.

Significance for breeding: Genetically Normal dogs can be bred to any dog and will produce no pups affected with the IC13 form of Improper

This interpretation is based on the test result of the DNA test for the specific mutation identified as causing the IC13 form of Improper Coat in Portuguese Water Dogs as of the date on this report.

For further information, please consult the OptiGen website at www.optigen.com

International DNA Based Genetic Database: To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073, www.offa.org

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative:

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257,0353