

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

POUCH COVE'S ORION LEAL, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BLACK

*color*

4410062564

*tattoo/microchip/DNA profile*

1138698

*application number*

12/16/2004

*date of report*

WR07421701

*registration no.*

M

*sex*

10/5/2002

*date of birth*

25

*age at evaluation in months*

PW-EL1064M25-PI

*O.F.A. NUMBER*

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



A Not-For-Profit Organization

*Based upon the radiographs submitted the consensus was that no evidence of elbow dysplasia was recognized.*

NORMAL

owner

MICHELLE DOWNEY

JAMES CRINEN

541 FLORENCE AVE

EVANSTON, IL 60202

*G.G. Keller DVM*

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

www.offa.org

36399

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

POUCH COVE'S ORION LEAL, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BLACK

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4410062564

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1138698

*application number*

12/16/2004

*date of report*

WR07421701

*registration no.*

M

*sex*

10/5/2002

*date of birth*

25

*age at evaluation in months*

PW-3920G25M-PI

*O.F.A. NUMBER*

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



A Not For Profit Organization

*Based upon the radiograph submitted the consensus was that no evidence of hip dysplasia was recognized.*

*The hip joint conformation was evaluated as:*

GOOD

owner

MICHELLE DOWNEY

JAMES CRINEN

541 FLORENCE AVE

EVANSTON, IL 60202

*G.G. Keller DVM*

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

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**OPTIGEN**<sup>®</sup> LLC

for the genetic advantage

## Certificate of prcd Mutation Test for PRA

*This certifies that*

Portuguese Water Dog  
**Pouch Cove's Orion Leal**  
WR74127/01

*owned by*

Michelle A Downey & James Criner  
**Tested Genetically Normal**

*officially reported on*

September 21, 2005



Jeannette S. Felix, Ph.D.  
President

Cornell Business & Technology Park – 767 Warren Road, Suite 300 – Ithaca, New York 14850

# CERTIFICATE OF GENETIC TESTING

## CANINE GM1 GANGLIOSIDOSIS TESTING PROGRAM

<b>AKC REGISTRATION &gt; NAME</b>	POUCH COVE'S ORION LEAL	<b>DATE OF TEST&gt;</b>	3/19/04
		<b>GT No. &gt;</b>	04-040
<b>AKC REGISTRATION&gt; NUMBER</b>	WR074217/01	<b>DATE OF BIRTH &gt;</b>	10/5/02
		<b>Sex&gt;</b>	Male
<b>OWNER &gt;</b>	Michelle Downoy & James Criner	<b>Results&gt;</b>	Normal
		<b>Microchip or Tattoo #&gt;</b>	None

A DNA sample from the Portuguese Water Dog identified above was tested and found not to have the R60H mutation in the lysosomal  $\beta$ -galactosidase gene which in homozygotic animals results in GM1 gangliosidosis. The test was performed in accordance with our U.S. Patent No. 6,140,115.

THE NEUROGENETICS PROGRAM NYU SCHOOL OF MEDICINE  
212-263-7635



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



**Michelle Downey**  
541 Florence Ave  
Evanston IL 60202

May 8, 2008

#### Owner Information

**Owner:** Michelle Downey  
**Co-Owners:** James Criner

#### Dog Information

**Registered Name:** Ch Pouch Cove's Orion Leal  
**Call Name:** Orion **AKC #:** WR07421701  
**Date of Birth:** 10/5/2002 **Sex:** male

#### JDCM Linked Marker DNA Test Information

**Test Pattern/Genotype:** 1-1

**Test Result:** probable normal **Test ID Number:** 5468

**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](http://www.pwdca.org) or [www.pwdfoundation.org](http://www.pwdfoundation.org)).

Sincerely,

**Paula S. Henthorn, PhD or Petra Werner, DVM/PhD**  
Section of Medical Genetics  
School of Veterinary Medicine  
University of Pennsylvania

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

POUCH COVE'S ORION LEAL, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BLACK

*color*

4410062534

*tattoo/microchip/DNA profile*

1138698

*application number*

4/6/2006

*date of report*

WR07421701

*registration no.*

M

*sex*

10/5/2002

*date of birth*

41

*age at evaluation in months*

PW-CA19/41MIC-PI

*O.F.A. NUMBER*

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revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

OWNER

MICHELLE DOWNEY  
JAMES CRINER  
541 FLORENCE AVE  
EVANSTON, IL 60202

*The results of the examination submitted to OFA indicate that no evidence of congenital cardiac disease was recognized.*

NORMAL - CARDIOLOGIST

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

www.offa.org



ORIGINAL

**CANINE EYE REGISTRATION FOUNDATION**  
**P.O. Box 3007 Urbana, IL 61803**

Telephone: 217-693-4800

Email: cert@vmdb.org

2/10/2009

BREED	PORTUGUESE WATER DOG		CERF #	PW-4490/2009--76	
REGISTRATION NAME	POUCH COVE'S ORION LEAL, CH		BIRTH DATE	10/5/2002	SEX   M
REGISTRATION NUMBER	WR07421701	COLOR	BLACK		
MICHELLE DOWNEY and JAMES CRINER 541 FLORENCE AVE EVANSTON, IL 60202			DATE EXAMINED	1/26/2009	
			PERMANENT IDENTIFICATION	V308123	
			BREEDER OPTION DIAGNOSIS (detail on back) No inherited eye disease found		

THIS CERTIFICATE IS VALID ONLY FOR 12 MONTHS, FROM DATE OF EXAMINATION. Certification relates to PHENOTYPE (appearance) only at time of examination: it implies no clearance for GENOTYPE (possible "carrier") or for heritable ocular disease developing subsequent to date of examination.  
WARNING: certificate invalid if background not printed in blue ink with the word "original" printed in red ink.

# THE AMERICAN KENNEL CLUB CERTIFICATE OF DNA ANALYSIS

## CH POUCH COVE'S ORION LEAL

DNA Profile # V308123

Portuguese Water Dog  
Male  
Birthdate: 05-Oct-2002  
Reg # WR074217/01  
Date of Analysis: 13-Apr-2004  
Owned by: Michelle Downey  
James Criner



The following genotype uniquely represents the MMI Genomics certified genetic identity of the dog named herein:

C0348724

WR074217/01

															
PEZ 01	PEZ 03	PEZ 05	PEZ 06	PEZ 08	PEZ 12	PEZ 20	PEZ 2010	PEZ 2031	PEZ 2079	PEZ 16	PEZ 17	PEZ 21	PEZ 22	PEZ 23	PEZ 24
DD	GG	AA	EF	DF	FK	BE	BB	BG	BB	GI	BC	CE	XY		

*Robert H. Slay*  
Robert H. Slay, Vice President  
AKC

*Dennis Fantin* Ph.D., MBA  
Dennis Fantin, Ph.D., MBA  
MMI GENOMICS, INC.

DEEWAL DON'T RAIN ON MY PARADE, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BLACK & WHITE

*color*

4565431E65

*tattoo/microchip/DNA profile*

1254824

*application number*

3/7/2007

*date of report*

WS11574204

*registration no.*

F

*sex*

1/1/2005

*date of birth*

24

*age at evaluation in months*

PW-4757F24F-PI

*O.F.A. NUMBER*

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



A Not-For-Profit Organization

*Based upon the radiograph submitted the consensus was that no evidence of hip dysplasia was recognized.*

*The hip joint conformation was evaluated as:*

**FAIR**

KATHY MAGUIRE  
47665 WALNUT TREE LN  
PLYMOUTH, MI 48170

*G.G. Keller, DVM*

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

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

DEEWAL DON'T RAIN ON MY PARADE, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BLACK & WHITE

*color*

4565431E65

*tattoo/microchip/DNA profile*

1254824

*application number*

3/7/2007

*date of report*

WS11574204

*registration no.*

F

*sex*

1/1/2005

*date of birth*

24

*age at evaluation in months*

PW-EL1476F24-PI

*O.F.A. NUMBER*

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



A Not-For-Profit Organization

*Based upon the radiographs submitted the consensus was that no evidence of elbow dysplasia was recognized.*

**NORMAL**

KATHY MAGUIRE  
47665 WALNUT TREE LN  
PLYMOUTH, MI 48170

*G.G. Keller, DVM*

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



## Test Report

**Owner's Name and Address**

Kathy M Maguire  
2641 Steeplechase Drive  
Reston, VA 20191  
USA

**Report Method: Mail**

**Registered Name:** Deewal Don't Rain on My Parade

**Call Name:** Liza

**Breed:** Portuguese Water Dog

**Optigen Accession #:** 05-3852

**Date of Birth:** January 01, 2005

**Registration #:** WS11574204

**Gender:** Female

**Tattoo/Chip #:** 4565431E65

**Test Performed:** prcd Mutation Test for PRA

**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.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

06/13/2005

**Date of Report**

  
**OptiGen Authorized Signature**

International DNA Based Genetic Database: To register this result with OPA, make a copy, sign below, mail WITH FEE, to OPA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-3073. [www.opfa.org](http://www.opfa.org)  
I hereby certify that the sample submitted was of the animal described on this application. I authorize the OPA to release all information on the test results thus placing the results in the public domain and I hereby release OPA from any and all liability associated with the release of test information.

Signature of owner or authorized representative: \_\_\_\_\_

# CERTIFICATE OF GENETIC TESTING

## CANINE GMI GANGLIOSIDOSIS TESTING PROGRAM

AKC REGISTRATION > NAME	DEEWAL DON'T RAIN ON MY PARADE	DATE OF TEST >	6/17/2005
AKC REGISTRATION > NUMBER	WS11574204	GT No. >	05-112
OWNER >	Kathy Maguire	DATE OF BIRTH >	1/1/2005
		Sex >	Female
		Results >	Normal
		Microchip or Tattoo # >	456 5431 E65

A DNA sample from the Portuguese Water Dog identified above was tested and found not to have the R60H mutation in the lysosomal b-galactosidase gene which in homozygotic animals results in GMI gangliosidosis. The test was performed in accordance with our U.S. Patent No. 6,140,115.

THE NEUROGENETICS PROGRAM NYU SCHOOL OF MEDICINE  
212-263-2943

Kathy Maguire  
47665 Walnut Tree Lane  
Plymouth MI 48170  
USA

November 2, 2007

Owner Information

**Owner:** Kathy Maguire  
**Co-Owners:**

Dog Information

**Registered Name:** Deewal Don't Rain On My Parade  
**Call Name:** Liza **AKC #:** WS11574204  
**Date of Birth:** 1/1/2005 **Sex:** female

JDCM Linked Marker DNA Test Information

**Test Pattern/Genotype:** 1-1

**Test Result:** probable normal **Test ID Number:** 5018

**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](http://www.pwdca.org) or [www.pwdfoundation.org](http://www.pwdfoundation.org)).

Sincerely,

Paula S. Henthorn, PhD or Petra Werner, DVM/PhD  
Section of Medical Genetics  
School of Veterinary Medicine  
University of Pennsylvania



ORIGINAL

**CANINE EYE REGISTRATION FOUNDATION**  
**P.O. Box 3007 Urbana, IL 61803**

Telephone: 217-693-4800

Email: cert@vmdb.org

7/15/2009

BREED	PORTUGUESE WATER DOG		CERF #	PW-5480/2009--55	
REGISTRATION NAME	DEEWAL DON'T RAIN ON MY PARADE, CH		BIRTH DATE	1/1/2005	SEX   F
REGISTRATION NUMBER	WS11574204	COLOR	BLACK WHITE		
KATHY MAGUIRE 47665 WALNUT TREE LANE PLYMOUTH, MI 48170			DATE EXAMINED	7/4/2009	
			PERMANENT IDENTIFICATION	456 543 1E65	
			BREEDER OPTION DIAGNOSIS (detail on back) A3		

THIS CERTIFICATE IS VALID ONLY FOR 12 MONTHS, FROM DATE OF EXAMINATION. Certification relates to PHENOTYPE (appearance) only at time of examination; it implies no clearance for GENOTYPE (possible "carrier") or for heritable ocular disease developing subsequent to date of examination.  
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