

ARMADA'S SAINT OR SINNER
registered name

PORTUGUESE WATER DOG
breed

LUJ10Z
tattoo/microchip/DNA profile

1742292
application number

8/3/2015
date of report

RESULTS:

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

ZQ536529
registration no.

F
sex

8/28/2012
date of birth

35
age at evaluation in months

PW-7438G35F-VPI
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

GOOD

G.G. Keller, D.V.M.

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

owner

LANA STEWART
92 GLENHILL DRIVE
COCHRANE, AB T4C1H1
CANADA

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

ARMADA'S SAINT OR SINNER
registered name

PORTUGUESE WATER DOG
breed

LUJ10Z
tattoo/microchip/DNA profile

1742292
application number

8/3/2015
date of report

RESULTS:

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

ZQ536529
registration no.

F
sex

8/28/2012
date of birth

35
age at evaluation in months

PW-EL3106F35-VPI
O.F.A. NUMBER

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A Not-For-Profit Organization

NORMAL

G.G. Keller, D.V.M.

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

owner

LANA STEWART
92 GLENHILL DRIVE
COCHRANE, AB T4C1H1
CANADA

www.offa.org

Lana Stewart
92 Glenhill Dr.
Cochrane AB T4C 1H1
Canada

August 20, 2015

Owner Information

Owner: Lana Stewart
Co-Owners:

Dog Information

Registered Name: Armada's Saint Or Sinner
Call Name: Angel **CKC #:** ZQ 536529
Date of Birth: 8/28/2012 **Sex:** female

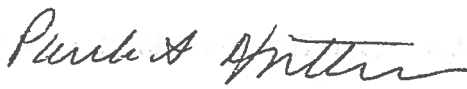
JDCM Linked Marker DNA Test Information

Test Pattern/Genotype: 1-1

Test Result: probable normal **Test ID Number:** 7359
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

Lana Stewart
92 Glenhill Drive
Cochrane, AB T4C 1H1
Canada

Optigen Accession #: **15-6094**
Report issued for: **Angel**

OptiGen Test Certificate

Optigen Accession #: 15-6094

Test Completed: 08/06/2015
Report Issued: 08/06/2015

Test Performed: **GM1**

Result: **Normal**
Sample Type: **Swab**

Registered Name: **Armada's Saint or Sinner**

Reg#: **ZQ536529**

Breed: **Portuguese Water Dog**

ID#: **LUJ 10Z**

Sex: **Female**

Date of Birth: **August 28, 2012**

Owner(s):

Lana Stewart



Susan Pease Kelling
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.ofa.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: _____



Test Report

Lana Stewart
92 Glenhill Drive
Cochrane, AB T4C 1H1
Canada

Optigen Accession #: 15-6094
Report issued for: Angel

OptiGen Test Certificate

Optigen Accession #: 15-6094

Test Completed: 08/06/2015
Report Issued: 08/06/2015

Test Performed: prcd Mutation Test for PRA

Result: Normal
Sample Type: Swab

Registered Name: Armada's Saint or Sinner

Reg#: ZQ536529

Breed: Portuguese Water Dog

ID#: LUJ 10Z

Sex: Female

Date of Birth: August 28, 2012

Owner(s):

Lana Stewart



Susan Peasarkling
OptiGen Authorized Signature

www.optigen.com

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

Risk for developing prcd-PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). prcd-PRA is the most prevalent form of PRA in most breeds of dog but there are other forms of PRA that could occur in any breed.

DNA testing does not replace the value of routine eye exams.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no 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 prcd 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

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Signature of owner or authorized representative: _____

**Test Report**

Lana Stewart
92 Glenhill Drive
Cochrane, AB T4C 1H1
Canada

Optigen Accession #: 15-6094
Report issued for: Angel

OptiGen Test Certificate**Optigen Accession #: 15-6094****Test Completed: 08/07/2015**
Report Issued: 08/07/2015**Test Performed: Improper Coat Test****Result: Carrier**
Sample Type: Swab**Registered Name: Armada's Saint or Sinner****Reg#: ZQ536529****Breed: Portuguese Water Dog****ID#: LUJ 10Z****Sex: Female****Date of Birth: August 28, 2012****Owner(s):****Lana Stewart**

Susan Peasartelling
OptiGen Authorized Signature

www.optigen.com

Test Results: Genotype of your dog is a Carrier 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: Carrier dogs should be bred only to a mate of Normal genotype to avoid producing pups affected with the IC13 form of Improper Coat.

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

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Signature of owner or authorized representative: _____