

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

RIOROCK'S GIVE YOUR HEART A BREAK  
*registered name*

LABRADOR RETRIEVER  
*breed*

0006CA3E4  
*tattoo/microchip/DNA profile*

1597016  
*application number*

8/19/2014  
*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:

SR73931601  
*registration no.*

F  
*sex*

7/3/2012  
*date of birth*

25  
*age at evaluation in months*

LR-210281G25F-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

owner

HEATHER HORN

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

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

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

RIOROCK'S GIVE YOUR HEART A BREAK  
*registered name*

LABRADOR RETRIEVER  
*breed*

0006CA3E4  
*tattoo/microchip/DNA profile*

1597016  
*application number*

8/19/2014  
*date of report*

**RESULTS:**

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

SR73931601  
*registration no.*

F  
*sex*

7/3/2012  
*date of birth*

25  
*age at evaluation in months*

LR-EL64268F25-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



NORMAL

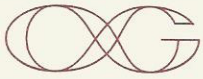
owner

HEATHER HORN

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

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www.offa.org



**Test Report**

**Heather Horn**

Optigen Accession #: **12-7661**  
Report issued for: **Demi**

**OptiGen Test Certificate**

**Optigen Accession #: 12-7661**

**Test Completed: 09/17/2012**  
**Report Issued: 09/18/2012**

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

Result: **Carrier**  
Sample Type: **Swab**

Registered Name: **Riorock's Give Your Heart A Break**

Reg#: **SR73931601**

Breed: **Labrador Retriever**

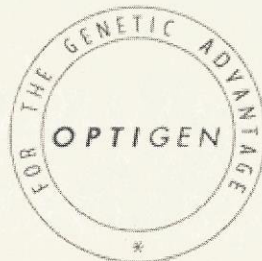
ID#: **0006FCA3E4**

Sex: **Female**

Date of Birth: **July 03, 2012**

Owner(s):

**Heather Horn**



*Susan Peasart Kelling*  
**OptiGen Authorized Signature**

[www.optigen.com](http://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 prcd form of PRA in Labrador Retrievers as of the date on this report.

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

*Note: The use of this test is patent protected and licensed to OptiGen. See [http://www.optigen.com/opt9\\_patent.html](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](http://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

767 Warren Road, Suite 300, Ithaca, NY 14850

email: [genetest@optigen.com](mailto:genetest@optigen.com)

web: [www.optigen.com](http://www.optigen.com)

# University of Minnesota

**Veterinary Diagnostic Laboratory**  
**College of Veterinary Medicine**  
1333 Gortner Avenue  
St. Paul, MN 55108

1-800-605-8787  
612-625-8787  
Fax: 612-624-8707  
e-mail: [vdl@umn.edu](mailto:vdl@umn.edu)  
[www.vdl.umn.edu](http://www.vdl.umn.edu)

**Accession Number:** D12-040393

**Owner:** HORN, HEATHER

**Veterinarian:**

**Site:**  
**Received:** 09/24/2012  
**Reference:**  
**Species:** Canine  
**Breed:** Labrador Retriever  
**Age:** 7/3/12      **Sex:** Intact  
Female  
**Weight:**

## Diagnostic Report: Genetic Test for Canine Exercise Induced Collapse (EIC)

**Specimen From:** Riorock's Give Your Heart A Break

**With Identification:** 0006FCA3E4

**With Registration Number:** SR73931601

**ID Verified by Veterinarian:** Not indicated

**Result:** Carrier

See interpretation below.

**Orthopedic Foundation for Animals (OFA) International DNA Based Genetic Database:** To register your result with the OFA, make a copy of this result page, sign below, and mail WITH FEE to:

Orthopedic Foundation for Animals  
2300 E Nifong Blvd  
Columbia, MO 65201-3806  
or FAX to: 573-875-5073

*I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to verify any attached laboratory reports with the issuing lab. I further authorize the laboratory issuing the attached documentation to verify the reported test results with the OFA upon their direct request. 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:** \_\_\_\_\_

**Fees**

- Submission fee/individual.....\$15.00
- A litter of 3 or more submitted together.....\$30.00 total

**Kennel rate:** Individuals submitted as a group, owned/co-owned by the same person

- 5 or more individuals.....\$7.50 each

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

\_\_\_\_\_  
Visa/MasterCard Number      Name on Card      Exp Date      CVV (security code)

**Affected dogs at any age are no charge**

## Interpretation

**Clear:** A clear dog has two copies of the normal *dynamin 1* (DNM1) gene and therefore is extremely unlikely to be susceptible to the classic syndrome of d-EIC (DNM1- associated exercise-induced collapse). However, this result does not rule out the possibility that a dog could have a collapse condition that is different from the condition most

D12-040393 - HORN, HEATHER

-1-

10/02/2012



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

Registered name: Riorock's Give Your Heart A Break  
 Breed: Lab Ret Sex: Female  
 ID Number (if any):  Tattoo  Microchip 0606FC A3E4  
 Registration Number: SR73931661  AKC  Other  
 Date of Birth: 070312 Date of Exam: 042515

Owner Name: Heather Horn Phone: \_\_\_\_\_  
 Co-Owner Name: \_\_\_\_\_  
 Owner Address: \_\_\_\_\_ State: \_\_\_\_\_ Zip/postal code: \_\_\_\_\_  
 City: \_\_\_\_\_

E-mail (use both lines if needed):  
Riorocklabrador@gmail.com

I hereby certify that the animal examined is the animal described on this application, and understand that the results of this exam will be submitted by the examining ophthalmologist to the database for statistical gathering purposes. I understand that only passing results will be released to the public unless the initials of a registered owner or authorized agent appear in the authorization box below which permits the OFA to release non-passing results to the public.

Signature of owner or authorized agent/representative  
[Signature]

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

- OFA Eye Clearance Database**
- Initial submission ..... \$12.00
  - Resubmits: ..... \$8.00
  - Litter of 3 or more submitted together ..... \$30.00
  - Kennel Rate—Minimum of 5 individuals submitted as a group, owned/co-owned by same person. .... \$7.50 ea.
  - Submission of non-passing results in the open database: NO CHARGE

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

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

**Companion Animal Eye Registry (CAER)**

Ophthalmologist Name: Dr. Alan Bachrach, Jr EC030  
 Ophthalmologist: Veterinary Ophthalmology of New England  
 City: 139 East St  
 Phone: Petersham, MA 01366  
 Email: \_\_\_\_\_

**RIGHT EYE** **GLOBE** **LEFT EYE**

microphthalmos  
 keratoconjunctivitis sicca  
 glaucoma  
**EYELIDS**  
 entropion  
 ectropion  
 distichiasis  
 ectopic cilia  
 imperforate lacrimal punctum  
**NICTITANS**  
 cartilage anomaly/eversion  
 gland prolapse  
 plasmoma/atypical pannus  
**CORNEA**  
 dystrophy—epithelial/stromal  
 dystrophy—endothelial  
 pannus  
 pigmentary keratitis/keratopathy  
**UVEA**  
 uveal cyst  
 iris coloboma  
 iris hypoplasia  
 iris sphincter dysplasia  
 pigmentary uveitis  
 uveal melanoma  
 persistent pupillary membranes

**CORNEA** N T A P  
 endothelial opacity/no strands  
 lens pigment foci/no strands  
 iris sheets  
 iris to cornea  
 iris to lens  
 iris to iris  
 multiple  
 single  
 free floating

**CATARACT** N T A P  
 Incmp.  
 Pnc.  
 anterior cortex  
 posterior cortex  
 equatorial cortex  
 anterior sutures  
 posterior sutures  
 nucleus  
 capsular  
 generalized/complete  
 resorbing/hypermatere  
 **suspect not inherited**  
 subluxation/luxation  
**VITREOUS**  
 PHPV/PHTVL  
 persistent hyaloid artery  
 degeneration  
 ant. chamber  
 syneresis

**RIGHT EYE** **FUNDUS** **LEFT EYE**

detached  
 geographic  
 folds  
 retinal detachment  
 retinal atrophy—generalized  
 retinopathy  
 retinal dysplasia  
 choroidal hypoplasia  
 coloboma  
 optic nerve coloboma  
 optic nerve hypoplasia  
 micropapilla

**OTHER CONDITIONS**  
 Unlisted conditions suspected as inherited. Describe in comments  
 Unlisted conditions suspected as **not inherited**

**NORMAL**  
 I DID verify microchip/tattoo on this dog  
 I DID NOT verify microchip/tattoo on this dog

I certify that I have performed this ophthalmic examination using pharmacological mydriasis, ophthalmoscopy, and biomicroscopy.

Signature: Alan Bachrach MD Date: 4/25/15  
 Diplomate, American College of Veterinary Ophthalmologists

Comments: \_\_\_\_\_