



Canine Neuromuscular Disease Report

Accession Number: D16-004184 -1
Submitting Clinic: Bemidji Veterinary Hospital, Inc
2919 Bemidji Avenue
Bemidji MN 56601
Fax: (218) 444-9303
Species: Canine
Breed: Labrador Retriever
Pathologist: Canine EIC

Received Date: 01/29/2016
Owner: ROBERT CHANCE
Veterinarian: Dr. Andrew Piller
External Ref:
Age:
Gender: Female

Specimen From: ROUND LAKE TESSA
DOB 4/30/11

With Identification: 985112004762817

With Registration Number: SR69664907

ID Verified by Veterinarian: Yes

Breeder Notes: _____

Diagnostic Report:
Exercise Induced Collapse (EIC) Genotyping - Blood

Result: N/N Clear

Linda Kalinowski on 2016-02-01

A clear dog has two copies of the normal dynamin 1 (DNM1) gene.



For more information visit:

<http://www.vdl.umn.edu/services-and-fees/canine-neuromuscular/canine-exercise-induced-collapse-eic/index.htm>



To register your Result with the Orthopedic Foundation For Animals (OFA) Genetic Database, visit the following site and follow directions. http://www.offa.org/pdf/dnaapp_bw.pdf



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
 ONE SHIELDS AVENUE
 DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
 FAX: (530) 752-3556

CENTRONUCLEAR MYOPATHY (CNM) REPORT

ROBERT CHANCE 4002 POLK AVE SE BEMIDJI, MN 56601	Case: NCD39429 Date Received: 25-Jan-2016 Print Date: 27-Jan-2016 Report ID: 2058-2105-8398-3122 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: ROUND LAKE TESSA Reg: SR69664907 DOB: 04/30/2011 Sex: Female Breed: Labrador Retriever Color: Black	
Sire: JUSTY'S BABY BLUE Reg: SR42568008 Dam: DIXIE MAE XXII Reg: SR34706308	

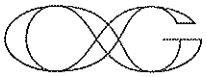
Centronuclear Myopathy

N/N

Result Codes:

- N/N:** Normal- no copies of CNM mutation.
- N/CNM:** Carrier- 1 copy of CNM mutation; dog is normal. Breedings between carriers are expected to produce 25% affected puppies.
- CNM/CNM:** Affected- 2 copies of CNM mutation.

This test is specific for the CNM mutation described in Labrador Retrievers.



Test Report

Robert L Chance
4002 Polk Ave SE
Bemidji, MN 56601
USA

Optigen Accession #: 16-651
Report issued for: Tess

OptiGen Test Certificate

Optigen Accession #: 16-651

Test Completed: 02/09/2016
Report Issued: 02/09/2016

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

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

Registered Name: **Round Lake Tessa**

Reg#: **SR69664907**

Breed: **Labrador Retriever**

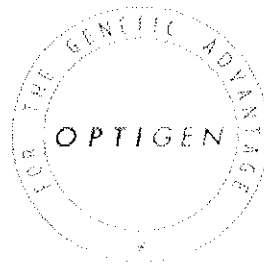
ID#: **985112004762817**

Sex: **Female**

Date of Birth: **April 30, 2011**

Owner(s):

Robert L Chance



Susan Pearson Kelling
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 Labrador Retrievers 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.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: _____