

**Test Report**

**Geraldine Mines**  
368 Hwy 70E - Otway  
Beaufort, NC 28516  
USA

Optigen Accession #: **11-5906**  
Report issued for: **Tia**

**OptiGen Test Certificate**

**Optigen Accession #: 11-5906**

**Test Completed: 03/12/2015**  
**Report Issued: 03/12/2015**

Test Performed: **HNPk Test**

Result: **Carrier**  
Sample Type: **Blood**

Registered Name: **Rockycreek's Tia Maria**

Reg#: **SR67370204**

Breed: **Labrador Retriever**

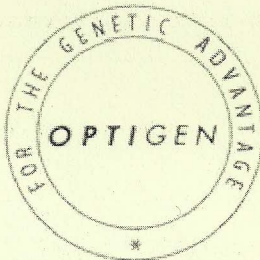
ID#: **4A3 A7E 0504**

Sex: **Female**

Date of Birth: **March 25, 2011**

Owner(s):

**Geraldine Mines**  
**Kathryn A. Mines**  
**Janice Mines**



*Susan Peaslee King*  
**OptiGen Authorized Signature**

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

Test Results: Genotype of your dog is CARRIER of the form of HNPk caused by the SUV39H2 mutation.

Risk for developing HNPk: This dog will not develop the form of HNPk caused by the SUV39H2 mutation.

Significance for breeding: Carrier dogs should be bred only to a mate of Normal/Clear genotype to avoid producing pups affected with HNPk caused by the SUV39H2 mutation. Such a breeding will result in an appropriate 50:50 ratio between Normal/Clear and Carrier progeny.

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