



**Test Report**

**Anne V McGuire**  
**3218 Greenbusch Rd.**  
**Katy, Texas 77494**  
**USA**

**Optigen Accession #: 08-3744**  
**Report issued for: Ice**

*OptiGen Test Certificate*

**Optigen Accession #: 08-3744**

**Test Completed: 09/13/2012**  
**Report Issued: 09/13/2012**

Test Performed: **Ichthyosis**

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

Registered Name: **Vintage Diamond In The Rough**

Reg#: **SR21346702**

Breed: **Golden Retriever**

ID#: **46143C7E2C**

Sex: **Male**

Date of Birth: **November 03, 2004**

Owner(s):

**Anne V McGuire**  
**Douglas J McGuire**



*Susan Peasartelling*  
**OptiGen Authorized Signature**

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

Test Results: This dog is heterozygous (carrier) for Ichthyosis in the Golden Retriever.

Risk for developing Ichthyosis: This dog has one normal copy and one defective copy of the GR Ichthyosis gene. This dog will not develop the disease.

Significance for breeding: Carrier dogs should be bred only to a mate of homozygous normal (clear) genotype to avoid producing pups affected with Ichthyosis.

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

This test was performed in France at Antagene SA - Research and Analysis Laboratory in Animal Genomics. The ICT-A test for Ichthyosis is patented by CNRS. Antagene has an exclusive international license for providing this test.



**antagene**

**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: \_\_\_\_\_

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