

DNA Test Report

*Animal Molecular Genetics Laboratory
University of Missouri
College of Veterinary Medicine*



Owner Information

Owner: Anne & Douglas McGuire
Address: 3218 Greenbusch Rd
City-St-Zip: Katy, TX 77494

Dog Information

Call Name: Ice *Breed:* Golden Retriever
Registered Name: Vintage Diamond In The Rough
Reg Number: SR21346702
Sex: male *Birthdate:* 11/3/2004

AMGL Case #: 41991 *DNA Source:* whole blood

Testing Date: 1/25/2019

Test Run: NCL-Neuronal Ceroid Lipofuscinosis *Result:* NORMAL
CLN5-GR form

Explanation of results:

NORMAL: This dog has tested clear for the mutation causing NCL in this breed. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result without producing affected offspring.

CARRIER: This dog has tested as a carrier for the mutation causing NCL in this breed. It will not develop the disease, but it may transmit either a normal gene or an affected gene to offspring. To avoid producing affected offspring this dog should only be bred to dogs DNA-tested NORMAL for this mutation.

AFFECTED: This dog has tested as affected for the mutation causing NCL in this breed. It will develop symptoms of the disease as it ages. This is a fatal, neurodegenerative disease. Please refer to our website (<http://neurodegenerativediseases.missouri.edu/>) for further information.