

DNA Test Report

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



Owner Information

*Owner: Bill Schnarrenberger
Address: 1174 Freedom Road
City-St-Zip: Cranberry TWP, PA 16066*

Dog Information

*Call Name: Adam
Breed: Japanese Chin
Registered Name: Randalets Miracles Do Happen
Reg Number: TR11949901
Sex male Birthdate:5/17/2003*

*AMGL Case #: 80097 DNA Source: FTA-swab
Testing Date: 11/29/2010*

Test Run: GM2-gangliosidosis Result: Normal
Explanation of results:

NORMAL: This dog has tested normal (or clear) for the mutation known to cause GM2-gangliosidosis in this breed. It can only transmit a normal gene to offspring, and can be bred to a dog with any test result without risk of producing affected offspring.

CARRIER: This dog has tested as a carrier for the mutation known to cause GM2-gangliosidosis in this breed. It will not develop clinical symptoms of gangliosidosis, but it may transmit either a normal gene or mutated gene to offspring.

AFFECTED/AT RISK: This dog has tested as affected for the mutation known to cause GM2-gangliosidosis in this breed. It is at risk for developing clinical symptoms of gangliosidosis. These symptoms will begin to appear at about 12-18 months, and become progressively more severe. There is no known treatment for this disease.

Additional details available online at www.CanineGeneticDiseases.net, in the STORAGE DISEASES section.

*Animal Molecular Genetics Laboratory
321 Connaway Hall – University of Missouri College of Veterinary Medicine
Columbia, MO 65211 573-884-3712 HansenL@Missouri.edu*