

DNA Test Report

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



Owner Information

Owner: Chapala Bay Cotons
Address: Box 25, Site 15, RR1
City-St-Zip: De Winton, Alberta, Canada T0L 0X0

Dog Information

Call Name: Aubrey *Breed:* Coton de Tulear
Registered Name: Simply Grand Aurora Borealis
Reg Number: CDN 3992
Sex: *Birthdate:* 4/16/2007

AMGL Case #: 82700 *DNA Source:* whole blood
Testing Date: 5/13/2011
Test Run: NCA – neonatal cerebellar ataxia *Result:* Normal

Explanation of results:

NORMAL: This dog has tested normal (or clear) with respect to the mutation known to cause Neonatal Cerebellar Ataxia in Coton de Tulears. It can only transmit a normal gene to potential offspring.

CARRIER: This dog has tested as a carrier with respect to the mutation known to cause Neonatal Cerebellar Ataxia in Coton de Tulears. This means the dog has one normal copy and one mutated copy of the gene. It will not show symptoms of ataxia, but if bred, either the normal copy or the mutated copy of the gene can be transmitted to potential offspring.

AFFECTED: This dog has tested as affected with respect to the mutation known to cause Neonatal Cerebellar Ataxia in Coton de Tulears. Symptoms will become apparent early in life, and this pup is unlikely to ever be able to coordinate movement enough to stand or walk. Please contact us for additional information.

Additional details are available online at www.CanineGeneticDiseases.net, in the "Ataxia" section.

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