

DNA Test Report

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



Owner Information

Owner: Elisabeth Gardner
Address: 3155W 1500S
City-St-Zip: Aberdeen, ND 83210

Dog Information

Call Name: Tosca *Breed:* English Springer Spaniel
Registered Name: Queen of Ice vom King-Charles
Reg Number: SR96657201
Sex: male *Birthdate:* 10/9/2016

AMGL Case #: 118546 *DNA Source:* FTA-card

Testing Date: 2/8/2017

Test Run: PRA-Progressive Retinal Atrophy *Result:* CARRIER

Explanation of results:

NORMAL: This dog has tested normal (or clear) for the mutation causing the cone-rod form of PRA prevalent 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 the cone-rod form of PRA prevalent in this breed. It is very unlikely to develop this form of PRA, but it may transmit either a normal gene or an affected gene to offspring.

AFFECTED: This dog has tested as affected for the mutation causing the cone-rod form of PRA prevalent in this breed. It is at risk for developing clinical symptoms of PRA at some point in its lifetime. We do not presently have a way to predict when symptoms may appear.