

# DNA Test Report

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



## **Owner Information**

*Owner:* Elisabeth Gardner  
*Address:* 5507 New Hope Rd  
*City-St-Zip:* Grants Pass, OR 97527

## **Dog Information**

*Call Name:* Anika *Breed:* English Springer Spaniel  
*Registered Name:* Red Oak-Anika vom King-Charles  
*Reg Number:* SR70665903  
*Sex:* female *Birthdate:* 10/24/2011

*AMGL Case #:* 87474 *DNA Source:* FTA-swab

*Testing Date:* 2/3/2012

*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 an 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.

Additional details available online at [www.CanineGeneticDiseases.net](http://www.CanineGeneticDiseases.net), in PRA section.