

# 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:* Leia *Breed:* English Springer Spaniel  
*Registered Name:* There is another Leia  
*Reg Number:* SR92293305  
*Sex:* female *Birthdate:* 3/2/2016

*AMGL Case #:* 117501 *DNA Source:* FTA-swab

*Testing Date:* 11/21/2016

*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.