

# DNA Test Report

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



## **Owner Information**

*Owner:* Don Hunter  
*Address:* 1379 N State Rte 635  
*City-St-Zip:* Tiffin, OH 44883

## **Dog Information**

*Call Name:* Sophie *Breed:* English Springer Spaniel  
*Registered Name:* Hunter's Sophie  
*Reg Number:* SR88961306  
*Sex:* female *Birthdate:* 8/5/2015

*AMGL Case #:* 118724 *DNA Source:* FTA-card

*Testing Date:* 3/1/2017

*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.