

# DNA Test Report

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



## **Owner Information**

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

## **Dog Information**

*Call Name:* Ophelia *Breed:* English Springer Spaniel  
*Registered Name:* On High Heels vom King Charles  
*Reg Number:* SR91341202  
*Sex:* female *Birthdate:* 4/15/2016

*AMGL Case #:* 114680 *DNA Source:* FTA-Swab  
*Testing Date:* 7/1/2016  
*Test Run:* PFK- Phosphofructokinase Deficiency *Result:* NORMAL

## **Explanation of results:**

**NORMAL:** This dog has tested normal (or clear) for the mutation causing phosphofructokinase deficiency 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 phosphofructokinase deficiency in this breed. It will not develop PFK, 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 phosphofructokinase deficiency in this breed.

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

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