

# 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:* Ice Crème *Breed:* English Springer Spaniel  
*Registered Name:* Ice Crème Mix vom King-Charles  
*Reg Number:* SR83180704  
*Sex:* F *Birthdate:* 6/16/2014

*AMGL Case #:* 102988 *DNA Source:* FTA-swab

*Testing Date:* 8/26/2014

*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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