

# DNA Test Report

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



## **Owner Information**

*Owner:* Elisabeth Gardner  
*Address:* 1878 South SB Ranch Road  
*City-St-Zip:* Sierra Vista, AZ 85635

## **Dog Information**

*Call Name:* Oceanic Dream *Breed:* English Springer Spaniel  
*Registered Name:* Oceanic Dream Darrem Canis  
*Reg Number:* CLP-ASS 5842 *Registry:*  
*Sex:* female *Birthdate:* 7/16/2010

*AMGL Case #:* 78873 *DNA Source:* Elisabeth Gardner  
*Testing Date:* 10/21/2010  
*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.

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