

DNA Test Report

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



Owner Information

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

Dog Information

Call Name: Prince Charles *Breed:* English Springer Spaniel
Registered Name: X-Factor vom Springer Clan
Reg Number: SR55407201
Sex: Male *Birthdate:* 11/16/2008

AMGL Case #: 65309 *DNA Source:* FTA-swab
Testing Date: 5/19/2009
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, in DM section.

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