

DNA Test Report

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



Owner Information

Owner: Marybess Hunter
Address: 1379 N SR 635
City-St-Zip: Tiffin, OH 44883

Dog Information

Call Name: Miles *Breed:* English Springer Spaniel
Registered Name: Hunter's Mr Miles
Reg Number: SR43444501
Sex: male *Birthdate:* 3/26/2007

AMGL Case #: 89222 *DNA Source:* FTA-swab

Testing Date: 5/24/2012

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.

*Animal Molecular Genetics Laboratory
321 Connaway Hall – University of Missouri College of Veterinary Medicine
Columbia, MO 65211 573-884-3712 HansenL@Missouri.edu*