

DNA Test Report

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



Owner Information

Owner: Victoria Proulx
Address: 12 Colonoal Dr
City-St-Zip: Litchfield, NH 03052

Dog Information

Call Name: Barbara *Breed:* English Springer Spaniel
Registered Name: Little Frost Barbara the Enforcer
Reg Number: SS21288208
Sex: female *Birthdate:* 8/26/2020

AMGL Case #: 143362 *DNA Source:* whole blood

Testing Date: 1/14/2021

Test Run: PRA – Progressive Retinal Atrophy *Result:* CARRIER

Explanation of results:

NORMAL: This dog has tested normal (or clear) for the mutation causing the cone-rod form of PRA prevalent 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 the cone-rod form of PRA prevalent in this breed. It is very unlikely to develop this form of PRA, but it may transmit either a normal gene or an affected gene to offspring.

AFFECTED: This dog has tested as an affected for the mutation causing the cone-rod form of PRA prevalent in this breed. It is at risk for developing clinical symptoms of PRA at some point in its lifetime. We do not presently have a way to predict when symptoms may appear.

Additional details available online at www.CanineGeneticDiseases.net, in PRA section.

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