

DNA Test Report

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



Owner Information

Owner: Shannon Grabill
Address: 53221 RR 262
City-St-Zip: Spruce Grove, Alberta T7Y 1A3

Dog Information

Call Name: Arthur *Breed:* Clumber Spaniel
Registered Name: Clussexx Vitruvian Man
Reg Number: SR31940802
Sex: M *Birthdate:* 1/25/2006

AMGL Case #: 96009 *DNA Source:* FTA card
Testing Date: 7/22/2013
Test Run: Pyruvate Dehydrogenase Phosphatase Deficiency *Result:* Normal

Explanation of results:

NORMAL: This dog has tested clear for the mutation causing PDP1 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 PDP1 in this breed. It will not develop the disease, but it may transmit either a normal gene or an affected gene to offspring. To avoid producing affected offspring this dog should only be bred to dogs DNA-tested NORMAL for this mutation.

AFFECTED: This dog has tested as affected for the mutation causing PDP1 in this breed. Affected dogs will have dramatic exercise intolerance and probable shortened lifespan due to cardiac and respiratory complications. Using this dog for breeding is not recommended. Please contact us for further information.