

DNA TEST FOR VON WILLEBRAND DISEASE 1

REGISTERED NAME: VON PROTEAVILLE LILLY

REGISTRATION NUMBER:

MICROCHIP/TATTOO NUMBER:

LAB NUMBER: U604528

BREED: BERNESE MOUNTAIN DOG

GENDER: F

CLIENT NAME: STREICH, A

GENETIC TEST RESULT: CLEAR OF VWF MUTATION

TEST DESCRIPTION:

Von Willebrand's disease (vWD) is the most common inherited bleeding disorder in dogs. It is caused by a deficiency in the amount of a specific protein needed to help platelets stick together and form clots to seal broken blood vessels. The deficient protein is caused by a synonymous base substitution at nucleotide 7437 of the VWF gene, which decreases the effectiveness of a splice site. Many dogs with vWD never show outward evidence of having the disease. Others may spontaneously hemorrhage from the nose, vagina, urinary bladder, or oral mucous membranes. Prolonged bleeding after trauma or surgery is a common clinical finding, and bruising or bleeding after a surgical sterilization procedure (spaying or neutering) may be the first time any abnormality is noticed. Females may bleed excessively after giving birth. In affected dogs with uncontrollable bleeding, death may occur.

BREEDING IMPLICATIONS OF TEST RESULT:

This canine has two copies of the normal allele for VWF1 and will neither develop nor pass on the mutation for Von Willebrand Type 1 caused by the VWF mutation to its offspring.

Yours faithfully



Dr MP Marx
Managing Director
Unistel Medical Laboratory

Disclaimer:

While every reasonable effort is made to prevent faulty results, Unistel Medical Laboratories do not accept any responsibility for any losses that may occur as a result of human or technical error. Should gross negligence be proven the claim shall not exceed the value of the contract.