

DNA TEST FOR Familial Nephropathy (FN)

REGISTERED NAME: VON PROTEAVILLE CHEYENNE

REGISTRATION NUMBER: ZA013574B16

MICROCHIP/TATTOO NUMBER: 945000001724799

LAB NUMBER: U601363

BREED: BERNESE MOUNTAIN DOG

GENDER: F

CLIENT NAME: STREICH, A

KENNEL NAME:

GENETIC TEST RESULT: CLEAR OF *COL4A4* MUTATION

TEST DESCRIPTION:

Affected dogs are born with an abnormal structure in the capillary walls of their kidney tubules and are unable to remove waste products from their blood through urination. FN is a juvenile-onset disease, occurring between the ages of 6 months to 2 years old. The progression of the disease varies in affected dogs. Some individuals may rapidly develop chronic renal failure faster than others, eventually leading to the failing of both kidneys and death. Early signs of FN include excessive water consumption, excessive urine volume, weight loss, poor quality fur coat, reduced appetite, and vomiting.

BREEDING IMPLICATIONS OF TEST RESULT:

This canine has two copies of the normal allele for *COL4A4* and will neither develop nor pass on the mutation for FN caused by the *COL4A4* 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.