

DNA TEST FOR FAMILIAL NEPHROPATHY (FN)

REGISTERED NAME: VON PROTEAVILLE YAKOBI-BAERI VON KOPFREIN

REGISTRATION NUMBER: ZA001065C22

MICROCHIP NUMBER: 756093900080583

LAB NUMBER: U613268

BREED: BERNESE MOUNTAIN DOG

GENDER: M

CLIENT NAME: STREICH, A

GENETIC TEST RESULT: CLEAR of *COL4A4* mutation

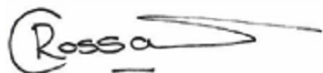
TEST DESCRIPTION:

Familial nephropathy (FN) in canines is a juvenile-onset disease, occurring between the ages of 6 months to 2 years old. 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. The progression of the disease varies in affected dogs; some individuals may develop chronic renal failure more rapidly 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 coat quality, 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



C Rossouw
Animal Genetics
Division Manager
Unistel Medical Laboratory

Disclaimer:

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