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## Genetic Comprehensive Report

Sample with Lab ID Number 19206993 was received at Orivet Genetics, DNA was extracted and analysed with the following result reported

**Test Reported :** EXERCISE INDUCED COLLAPSE (RETRIEVER TYPE)

**Result :** **NEGATIVE / CLEAR [NO VARIANT DETECTED]**<sup>1</sup>

**Gene :** DNM1

**Variant Detected :** Base Substitution c.767 G>T

We have scanned the DNA and the genotype of this animal is NORMAL - no presence of the disease associated variant (mutation) has been detected. This result may also be referred to as NORMAL, "-/-" or "wild type (WT)" or "homozygous negative". The animal is clear of the disease and will not pass on the disease-causing variant.

**Test Reported :** HEREDITARY NASAL PARAKERATOSIS/DRY NOSE (LABRADOR RETRIEVER TYPE)

**Result :** **NEGATIVE / CLEAR [NO VARIANT DETECTED]**<sup>1</sup>

**Gene :** Suppressor of variegation 3-9 homolog 2 (SUV39H2) on chromosome 2

**Variant Detected :** Base Substitution c.972T>Gp.Asn324Lys

We have scanned the DNA and the genotype of this animal is NORMAL - no presence of the disease associated variant (mutation) has been detected. This result may also be referred to as NORMAL, "-/-" or "wild type (WT)" or "homozygous negative". The animal is clear of the disease and will not pass on the disease-causing variant.

**Test Reported :** HYPERURICOSURIA

**Result :** **NEGATIVE / CLEAR [NO VARIANT DETECTED]**<sup>1</sup>

**Gene :** Solute carrier family 2 member 9 (SLC2A9) on chromosome 3

**Variant Detected :** Base Substitution c.563G>Tp.Cys188Phe

We have scanned the DNA and the genotype of this animal is NORMAL - no presence of the disease associated variant (mutation) has been detected. This result may also be referred to as NORMAL, "-/-" or "wild type (WT)" or "homozygous negative". The animal is clear of the disease and will not pass on the disease-causing variant.

**Owner's Name :** Georgina Kedzlie

**Pet Name :** Liquorice

**Microchip Number** 991003000013446

**Approved Collection Method :** No

