

GENETIC ANALYSIS REPORT



**Breed Specific
Medicine**

OWNER'S DETAILS

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ANIMAL'S DETAILS

Registered Name: Burnley Pride of Mahina

Pet Name: Latte

Breed: Labrador Retriever

Date of Birth / Age:

Registration No:

03249-2012

Microchip No:

900108030035765

Sex:

Female

Colour:

Yellow

COLLECTION DETAILS

Case Number: 17-072415

Collected By: R Anderson

Date of Test:

21/02/17

Approved Coll. Mthd.:

Yes

Sample with Lab ID Number 17-072415 was received at Orivet Genetics, DNA was extracted and analysed with the following results reported:

DISEASE(S):

EXERCISE INDUCED COLLAPSE - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
DEGENERATIVE MYELOPATHY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CANINE HYPERURICOSURIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
CYSTINURIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
MYOTUBULAR MYOPATHY X LINKED - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
NARCOLEPSY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
PYRUVATE KINASE (PK) DEFICIENCY - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
PROGRESSIVE ROD CONE DEGENERATION - PRA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
MALIGNANT HYPERTHERMIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
HEREDITARY NASAL PARAKERATOSIS (DRY NOSE) - **CARRIER (ONE COPY OF VARIANT DETECTED)**
SKELETAL DYSPLASIA 2 (COL11A2) - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
ELLIPTOCYTOSIS (B-SPECTRIN) - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
LONG HAIR GENE (PHENOTYPE) - **NEGATIVE (NOT SHOWING THE PHENOTYPE)**
A-LOCUS AGOUTI - **at/at - TAN POINTS MAY BE BRINDLED (SEE K LOCUS)**
DILUTE MLPH GENE (BLUE/GREY) - **DD - NO COPY OF MLPH-D ALLELE**
K-LOCUS (DOM BLACK/WILD TYPE) - **KK - DOMINANT BLACK WILL NOT BE BRINDLED or EXPRESS AGOUTI**
EM-LOCUS MELANISTIC MASK ALLELE - **Eⁿ/Eⁿ - NO MASKING EXTENSION ALLELE**
E (EXTENSION) LOCUS MC1R - **ee - YELLOW, GOLDEN, CREAM, WHITE or APRICOT**
FOLLICULAR DYSPLASIA - COLOUR DILUTION ALOPECIA - **NORMAL / CLEAR / NEGATIVE (NO VARIANT DETECTED)**
BROWN (GLNT331STOP) STOP CODON (**b^s**) - **BB - DOES NOT CARRY BROWN or CHOCOLATE**
BROWN (345DELPRO) DELETION (**b^d**) - **BB - DOES NOT CARRY BROWN or CHOCOLATE**
BROWN (SER41CYS) INSERTION CODON (**b^c**) - **BB - DOES NOT CARRY BROWN or CHOCOLATE**

TRAIT(S):



17-072415

RESULTS REVIEWED AND CONFIRMED BY:

Dr. Noam Pik BVs MDSV

George Sofronidis BSc (Hons)