##  Michel Cat Maine Coon

|  |  |
| --- | --- |
| **Afzender** | befund@laboklin.de |
| **Ontvanger** | Cattery MC’B Coons  |
| **Datum** | Vandaag 19-07-2023 / 13:11 |
| **Prioriteit** | Normaal |

Mr.                                LABOKLIN GmbH&CoG
Michel                             Steubenstraβe 4  D688 Bad KLeiden                         Nr.: +49 971 68546

Tel.: +49 971 72020

                                         **Report**
                                         No.: 2306-W-76410
                                         Date of arrival:   02-06-2023
                                         Testing started:   02-06-2023
                                         Date of report:    05-06-2023
                                         Testing completed:
+----------------------------------------------------------------| Patient identification: Cat Male   \* 19-07-2022
| Maine Coon                             |
| Owner / Animal-ID:      Blok, M
| Type of sample:Swab                     |
 sample was taken:11-07-2023                             |
+----------------------------------------------------------------+

 Parameter          Value                  Reference value

 Name:               **Mr.Snow**
 ZB-Nummer:          **NLKV.2022.1987**
 Chip-Nummer:        **528210006673xxx**
 Tattoo-Nummer:      **---**

­­Hypertrophic cardiomyopathy (HCM1) Maine Coon - PCR
 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 wildtype-allele. It does not carry the causative mutation for
 Hypertrophic Cardiomyopathy in the MYBPC3-gene (A31P).

 Trait of inheritance: autosomal-dominant

 Scientific studies found correlation between the mutation and
 symptoms of the disease in the following breeds:
 Maine Coon and related breeds

Hypertrophic Cardiomyopathy (HCM3) Ragdoll - PCR

 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 wildtype-allele. It does not carry the causative mutation for
 Hypertrophic Cardiomyopathy in the MYBPC3-gene (R820W).

 Trait of inheritance: autosomal-dominant

 Scientific studies found correlation between the mutation and
 symptoms of the disease in the following breeds:
 Ragdoll and related breeds

Polycystic kidney disease (PKD) - PCR

 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 wildtype-allele. It does not carry the causative mutation for
 Polycystic Kidney Disease in the PKD1-gene.

 Trait of inheritance: autosomal-dominant

Pyruvatkinase Deficiency:

 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 wildtype-allele. It does not carry the causative mutation
 for Pyruvate Kinase Deficiency in the PKLR-gene.

 Trait of inheritance: autosomal-recessive

Progressive Retinal Atrophy (rdAc-PRA) - PCR

 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 wildtype-allele. It does not carry the causative mutation for
 Progressive retinal atrophy (rdAc-PRA) in the CEP290-gene.

 Trait of inheritance: autosomal-recessive

Genetic determination of bloodgroup - PCR

 Result: Genotype N/N

 Interpretation: The examined animal is homozygous for the
 N-allele. It does not carry the causative genetic variant found in
 correlation with the serologic blood group B and AB (C) so far.

 The test detects the genetic variants of the alleles b and c.
 Allelic series: N>c>b

 Scientific studies found correlation between the allele c and
 the serologic blood group AB (C) exclusively for Ragdoll cats.

Feline Spinal Muscular Atrophy (SMA) - PCR

                     N/N

Glycogen storage disease (GSDIV) - PCR

                     N/N

Breeding club discounts were granted for discountable services!

These results are based on the sample material submitted to our laboratory.

This was suitable if not stated otherwise. The submitter is responsible for the accuracy of the
information regarding the sample. This report can only be transmitted in toto and unchanged.
Doing otherwise requires written permission from Laboklin GmbH & Co. KG.

LABOKLIN is an officially accredited laboratory according to DIN EN ISO/IEC 17025:2018,
DAkkS No. D-PL-13186-01-01 and D-PL-13186-1-02. The accreditation applies to all test procedures
listed in the accreditation certificate.
\*\*\* END of report \*\*\*
                                        Fr.Dipl.-Biol. Bärbel Gunreben
                                        Abt. Molekularbiologie