

LABOKLIN GmbH & Co. KG · Steubenstraße 4 · 97688 Bad Kissingen

Mrs.  
Nora Dimple  
Sundbyveien 26  
3478 Naersnes  
Norwegen

<b>Report No.:</b>	<b>2212-W-75097</b>
Date of arrival:	16.12.2022
Date of report:	19.12.2022
Testing started:	16.12.2022
Testing completed:	19.12.2022
Status of the report:	Final report

Species:	Cat
Breed:	Ragdoll
Gender:	Male
Name:	My beloved Yuito Sumergami
Stud book No.:	HCC RAG 2281
Chip No.:	752096700167530
Date of birth / Age:	11.08.2022
Type of sample:	EDTA-Blood
Date sample was taken:	02.12.2022
Sampler:	Anne Bettina R.
Owner / Animal-ID:	Dimple, Nora
IT No. / Report-ID:	---

## **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

### **Progressive Retinal Atrophy (pd-PRA) - PCR**

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causal mutation for pd-PRA.

Trait of inheritance: autosomal recessive

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

The current result is only valid for the sample submitted to our laboratory. The sender is responsible for the correct information regarding the sample material. The laboratory can not be made liable. Furthermore, any obligation for compensation is limited to the value of the tests performed.

There is a possibility that other mutations may have caused the disease/phenotype. The analysis was performed according to the latest knowledge and technology.

The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2018. (except partner lab tests).

### **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.

**Breeding club discounts were granted for discountable services!**

### **Sampling:**

The following impartial person (veterinarian, breed warden, or similar) signed the form for the sampling and identity check of the animal:

**Anne Bettina R.**

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 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.**



Hr. Dr. Beitzinger  
Dipl.-Biol. Molekularbiologie

**\*\*\* END of report \*\*\***



Laboklin App

**\*\*\* Merry Christmas \*\*\***

We wish you happy holidays. It has been a pleasure working with you this year. Many things were put to the test in 2022, many changes had to be overcome. We hope you have found us to be a reliable partner in these turbulent times and we assure you that we will continue to be there for you.