

Laboklin GmbH & Co. KG, Steubenstraße 4, 97688 Bad Kissingen

Mrs.  
Barbara Vizi



**Report No.:** 2601-W-771830

Date of arrival: 15.01.2026

Date of report: 16.01.2026

Testing started: 15.01.2026

Testing completed: 20.01.2026

Status of the report: Final report

Species:

Breed:

Gender:

Name:

Chip No.:

Date of birth / Age:

Type of sample:

Date sample was taken:

Owner / Animal-ID:

IT No. / Report-ID:

Cat

Maine Coon

Female

HU\*Diamond Star UltraViolet

972274001718299

27.02.2025

Swab (2x)

12.01.2026

Vizi, Barbara

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## **Genetic determination of bloodgroup - PCR**

Result: Genotype N/b

Interpretation: The examined animal is heterozygous for one of the causative genetic variants found in correlation with the serologic blood group B so far.

The test detects three genetic variants (268T>A, 179G>T, 1322delT) for the alleles b and one variant for c (364C>T).

Allelic series: N>c>b

## **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

## **Pyruvatekinase 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

## **Factor XI Deficiency - PCR**

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the associated variant for Factor XI deficiency in the FXI-gene.

Trait of inheritance: autosomal recessive

A correlation between the mutation and symptoms of the disease was found in the following breed: Maine Coon

## **Feline Spinal Muscular Atrophy (SMA) - PCR**

Result: Genotype N/N

The current results are 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.

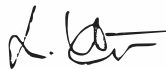
The laboratory is accredited for the performed tests according to DIN EN ISO/IEC 17025:2018. (except partner lab tests).

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

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

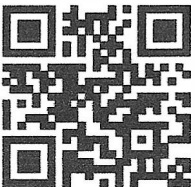
This was suitable if not stated otherwise. The submitter is responsible for the accuracy of the information regarding the sample. This report can only be transmitted in toto and unchanged. Doing otherwise requires written permission from Laboklin GmbH & Co. KG.

**LABOKLIN is an officially accredited laboratory according to DIN EN ISO/IEC 17025:2018, DAkkS No. D-PL-13186-01-01 D-PL-13186-1-02 and D-PL-13186-01-03. The accreditation applies to all test procedures listed in the accreditation certificate.**



Fr. MSc Laura Hübner  
Abt. Molekularbiologie

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



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