Diamond Star MAINE COON CATTERY

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LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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

Mrs.
Barbara Vizi

Report No.:	**2506-W-750921**
Date of arrival:	20.06.2025
Date of report:	24.06.2025
Testing started:	20.06.2025
Testing completed:	24.06.2025
Status of the report:	Final report

Species:	Cat
Breed:	Maine Coon
Gender:	Female
Name:	Hessi Good LodMein
Chip No.:	900263002328088
Date of birth / Age:	01.02.2025
Type of sample:	Swab
Date sample was taken:	16.06.2025
Owner / Animal-ID:	Vizi, Barbara
IT No. / Report-ID:	---

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 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

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

Sample ID: 2506-W-750921

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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

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Spinal Muscular Atrophy in the LIX1-LNPEP-gene.

Trait of inheritance: autosomal-recessive

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

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. Nadine Gaenstaller
Abt. Molekularbiologie

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

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