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LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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Ms.
Hilde Viktoria Hagavei
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Report No.:	**2504-W-747929**
Date of arrival:	30.04.2025
Date of report:	02.05.2025
Testing started:	30.04.2025
Testing completed:	02.05.2025
Status of the report:	Final report

Species:	Cat
Breed:	Ragdoll
Gender:	Male
Name:	(N) Nordlæningen's Zarco Kosta's Soenn
Chip No.:	900263000470866
Date of birth / Age:	20.02.2025
Type of sample:	EDTA-Blood / Swab
Date sample was taken:	28.04.2025
Sampler:	Rana Veterinaerkontor
Owner / Animal-ID:	Hagavei, Hilde Viktoria
IT No. / Report-ID:	---

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

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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 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!

Sampling:

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

Rana Veterinaerkontor

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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.Dipl.-Biol. Bärbel Gunreben
Abt. Molekularbiologie

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

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