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LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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

Ms.
Hilde Viktoria Hagavei
Hagebyen 46
8050 Tverlandet
Norwegen

Report No.:	**2106-W-87703**
Date of arrival:	22.06.2021
Date of report:	24.06.2021
Testing started:	22.06.2021
Testing completed:	

Species:	Cat
Breed:	Ragdoll
Gender:	Female
Name:	(N) Nordlaeningen's Keeping Karma
Chip No.:	578098100729807
Date of birth / Age:	08.06.2021
Type of sample:	EDTA-Blood
Date sample was taken:	15.06.2021
Sampler:	Trine Braendmo
Owner / Animal-ID:	Hagavei, Hilde Viktoria
IT No. / Report-ID:	---

Hypertrophic cardiomyopathy (HCM) - 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 (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

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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):

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

pending

Glycogen storage disease (GSDIV) - PCR

pending

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:

Trine Braendmo

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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 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.

Fr. MSc Michelle Meißler
Abt. Molekularbiologie

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

Laboklin App

PCR diagnostics for equine herpes virus

Due to the currently increased need for PCR tests for EHV1 and EHV4, we are performing this test for you up to 4 times a day. Results are usually available within 1-2 working days after arrival of the sample in the lab.