

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

Ms. Hilde Viktoria Hagavei Hagebyen 46 8050 Tverlandet Norwegen	Report No.: Date of arrival: Date of report: Testing started: Testing completed:	2007-W-79831 17-07-2020 17-07-2020 21-07-2020
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Species:	Cat
Breed:	Ragdoll
Gender:	Male
Name:	(N) Diadem's Tamino Sollis
Stud book No.:	(NO) NRR LO 196462
Chip No.:	578097809267467
Date of birth / Age:	20-03-2020
Type of sample:	EDTA-Blood
Date sample was taken:	09-07-2020
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

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

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

Glycogen storage disease (GSDIV) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Glykogen storage disease Type IV in the GBE1-gene.

Trait of inheritance: autosomal-recessive

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

Sampling:

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

Trine Braendmo

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.

Fr.Dipl.-Biol. Bärbel Gunreben
Abt. Molekularbiologie

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

Net invoice amount NOK 60.50
Invoicing is done separately at practice.



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