

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

Mrs.
Susanne Bornestrand
Jädravågen 22
19792 Bro
Schweden

Report No.: **2106-W-88005**
Date of arrival: 30.06.2021
Date of report: 02.07.2021
Testing started: 30.06.2021
Testing completed:

Species:	Cat
Breed:	Siberian
Gender:	Male
Name:	SE* Frozen Tundra's Zhora TJ
Stud book No.:	(SE) Sverak LO 375306
Chip No.:	752096700128222
Date of birth / Age:	06.04.2020
Type of sample:	Swab
Owner / Animal-ID:	Bornestrand, Susanne
IT No. / Report-ID:	---

Coat Color Variant Agouti - PCR

Result: Genotype A/A

Interpretation: The examined animal is homozygous for the A-allele.

The test detects the alleles A (agouti) and a (non-agouti). Allelic series: A dominant over a

The A(Pb)-allele is detected for Bengal cats as well.

Coat colour brown - PCR

Result: Genotype B/B

Interpretation: The examined animal is homozygous for the B-allele.

The test detects the alleles B, b (chocolate) and bl (cinnamon). Allelic series: B dominant over b, b dominant over bl

Coat colour variant Colourpoint - PCR

pending

Colour variant siam (Colorpoint Restriction) - PCR

Coat Color Variant Dilution - PCR

Result: Genotype D/d

Interpretation: The examined animal is heterozygous for the D- and d-allele.

The test detects the alleles D and d.

Allelic series: D dominant over d

The current result is 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).

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

pending

Glycogen storage disease (GSDIV) - PCR

pending

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 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.



Hr. Dr. Beitzinger
Dipl.-Biol. 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.