

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

Mr.
Ivan Angelov
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Bulgarien

Report No.:	2303-W-73183
Date of arrival:	16.03.2023
Date of report:	22.03.2023
Testing started:	16.03.2023
Testing completed:	22.03.2023
Status of the report:	Final report

Species:	Dog
Breed:	Basenji
Gender:	Male
Name:	Aron Ace of Freedom
Stud book No.:	JR70078 Bnj
Chip No.:	100232000001995
Date of birth / Age:	19.11.2021
Type of sample:	Swab
Date sample was taken:	11.03.2023
Owner / Animal-ID:	Angelov, Ivan
IT No. / Report-ID:	---

Basenji PRA - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for PRA in the SAG-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Basenji Please note: There are other forms of PRA in this breed that will not be detected with this test.

Fanconi-Syndrom - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for Fanconi in the BCAN-gene.

Trait of inheritance: unclear

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Basenji

Pyruvatkinase-Deficiency (PK) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for PK in the PK-LR-gene.

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds: Basenji

Genetic analyses A-Lokus Agouti (PCR)

Result: Genotype Ay/at

Interpretation: The examined animal is heterozygous for the Ay- and at-allele.

The test detects the alleles Ay, Aw, at and a. Allelic series: Ay dominant over Aw, Aw dominant over at, at dominant over a

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).

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.LM-Chemiker D. Schindelmann
Abt. Molekularbiologie

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



Laboklin App

***** News from the laboratory *****

We now offer PCR detection of feline morbillivirus (FeMV) from urine (test ID 8820). Feline morbilliviruses are associated with chronic kidney disease in cats, which is one of the most common causes of death in older animals. Urine samples should be as fresh as possible and are best sent frozen.