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LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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Vejle Dyrehospital & Dyreklinik
Dianavej 5
7100 Vejle
Dänemark

Report No.:	**2010-W-56278**
Date of arrival:	16.10.2020
Date of report:	19.10.2020
Testing started:	16.10.2020
Testing completed:	19.10.2020

Species:	Dog
Breed:	Miniature Schnauzer
Gender:	Female
Name:	Bonoca Xia
Stud book No.:	DK 20126/2018
Chip No.:	208250000127301
Date of birth / Age:	03.11.2012
Type of sample:	EDTA-Blood
Date sample was taken:	15.10.2020
Treating veterinarian:	Jesper Oersnes (5211)
Owner / Animal-ID:	Moesby, Rikke
IT No. / Report-ID:	---

Progressive Retinal Atrophy (Type B1-PRA, HIVEP3) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causal mutation for PRA in the HIVEP3 gene.

Trait of inheritance: autosomal recessive

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

The genetic test for Type-B1-PRA detects a causative variant for symptoms of a PRA in Miniature Schnauzers. The results for Type-B1-PRA are not conform with those of the previous marker test of Type-B-PRA.
In addition to Type-B1-PRA, a second, X-chromosomal type of PRA (Type-B2) exists, due to recent scientific studies. This trait needs further investigation and is not available as a genetic test yet.

Mycobacterium avium complex sensitivity (MAC) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype allele. It does not carry the causative mutation for MAC in the CARD9 gene.

Trait of inheritance: autosomal recessive

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

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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 17025:2005. (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.

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

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