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Dänemark

Report No.:	2304-W-74643
Date of arrival:	18.04.2023
Date of report:	25.04.2023
Testing started:	18.04.2023
Testing completed:	25.04.2023
Status of the report:	Final report

Species:
Breed:
Gender:
Name:
Stud book No.:
Chip No.:
Date of birth / Age:
Type of sample:
Date sample was taken:
Sampler:
Owner / Animal-ID:
IT No. / Report-ID:

Dog
Golden Retriever
Male
Cuenta Conmigo Heart In The Highlands
DK19139/2022
981098108478347
30.03.2022
EDTA-Blood
13.04.2023
Hanne T. Petersen (5806)
Laugesen, Kirsten

Progressive retina atrophy (GR_PRA1) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for GR_PRA1 in the SLC4A3-gene.

Trait of inheritance: autosomal-recessive

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

Progressive Retinaatrophie (GR_PRA2) - PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for GR_PRA2 in the TTC8-gene.

Trait of inheritance: autosomal-recessive

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

Neuronal Ceroid Lipofuszinosis (NCL) -PCR

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for NCL in the CLN5-gene.

Trait of inheritance: autosomal-recessive

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

prcd-PRA - PCR *

Result: Genotype N/N (A)

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

Trait of inheritance: autosomal-recessive

Scientific studies found correlation between the mutation and symptoms of the disease in the following breeds:
Australian cattle dog, American Cocker Spaniel, American Eskimo Dog, Australian Shepherd, Australian Stumpy Tail Cattle Dog, Barbet, Bearded Collie, Bolognese, Bolonka Zwetna, Chesapeake Bay Retriever, Chihuahua, Chinese Crested, English Cocker Spaniel, English Shepherd, Entlebucher Mountain Dog, Finnish Lapphund, German Spitz, Giant Schnauzer, Golden Retriever, Jack Russell Terrier, Karelian Beardog, Kuvasz, Lagotto Romagnolo, Lapponian Herder, Labrador Retriever, Markiesje, Norwegian Elkhound, Nova Scotia Duck Tolling Retriever, Parson Russell Terrier, Portugese Water Dog, Poodle, Schipperke, Swedish Lapphund, Silky Terrier, Spanish Water Dog, Swedish Lapphund, Wäller, Yorkshire Terrier.

Ichthyosis - PCR *

Result: Genotype N/N

Interpretation: The examined animal is homozygous for the wildtype-allele. It does not carry the causative mutation for ichthyosis in the PNPLA1-gene.

Trait of inheritance: autosomal-recessive

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

Muscular Dystrophy - PCR

Result: Genotype female X(N)/X(N), male X(N)/Y

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

Trait of inheritance: X chromosomal-recessive

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

Sample ID: 2304-W-74643

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).

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:

Hanne T. Petersen (5806)

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.

*: test performed by partner laboratory



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

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



*** News from the laboratory ***

From now on, most clinical chemistry profiles will measure the degree of haemolysis and lipaemia of the submitted sample and indicate, whether this affects any of the parameters and if so, which ones.