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Dyrlaege
Ribe-Egnens
Industrivej 30 B
6760 Ribe
Dänemark

Report
No.: 1709-W-36669
Date of arrival: 21-09-2017
Date of report: 26-09-2017

Patient identification:	Dog	Male	* 12.09.16
	Golden Retriever		
Owner / Animal-ID:	Schierning, Gitte		
Type of sample:	EDTA-Blood		
Date sample was taken:	19-09-2017		

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Please note:
instead of the requested single tests we performed the test combination at a reduced rate

Name:	**Touch Of Magic I Am Limited Edition**
Stud book no.:	**DK 16873/2016**
Chip no.:	**208213990310730**
Tattoo no.:	---

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 Retinaatrophy (GR_PRA2) - PCR

Result: Genotype N/N

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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.

***prcd-PRA (partner lab) - 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, 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, Karelian Beardog, Kuvasz, Lagotto Romagnolo, Lapponian Herder, Labrador Retriever, Markiesje, Norwegian Elkhound, Nova Scotia Duck tolling Retriever, Portugese Water Dog, Poodle, Schipperke, Swedish Lapphound, 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

sample ID: 1709-W-36669

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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

Referring vet: Jens Beyer

You have requested a certificate for the ordered genetic testing. Please thoroughly verify the animal and owner data provided to you. Any corrections afterward can only be carried out by the end of the following month, strictly in accordance with prior written confirmation from the veterinarian. Please note that an extra charge will be invoiced separately upon changes to an already issued certificate.

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).

*** END of report ***

i. A.
Hr.Dr. Beitzinger
Dipl.-Biol. Molekularbiologie

*: test performed by partnerlaboratory