

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

Aarslev Dyreklinik A/S  
Brovej 11  
5792 Aarslev  
Dänemark

**Report No.:** **2011-W-64671**  
Date of arrival: 20.11.2020  
Date of report: 02.12.2020  
Testing started: 20.11.2020  
Testing completed: 02.12.2020

Species:	Dog
Breed:	Golden Retriever
Gender:	Male
Name:	Drumkilty Roumer has it
Stud book No.:	DK 02438/2020
Chip No.:	900200000784247
Date of birth / Age:	27.09.2019
Type of sample:	EDTA-Blood
Date sample was taken:	16.11.2020
Owner / Animal-ID:	Jespersen, Skott
IT No. / Report-ID:	---

## **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

## **Progressive Retinaatrophy (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.

## **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.

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).

## **Classic STR DNA-Profile (ISAG 2006) - PCR**

Amelogenin:	Y/X
AHT 121:	96/96
AHT 137:	133/151
AHTH 130:	121/121
AHTH 171:	219/237
AHTH 260:	240/246
AHTK 211:	93/93
AHTK 253:	286/286
CXX 279:	126/126
FH 2054:	168/172
FH 2848:	238/238
INRA 21:	99/99
INU 005:	124/126
INU 030:	152/152
INU 055:	216/216
REN 105 L 03:	235/241
REN 162 C 04:	204/204
REN 169 D 01:	216/216
REN 169 O 18:	164/170
REN 247 M 23:	272/272
REN 54 P 11:	226/234
REN 64 E 19:	145/153

Nomenclature is based on ISAG comparison test 2006 standards.

The results are only for the sample material submitted to the laboratory. Responsibility for the accuracy of the information on the sample provided lies with the submitter. No warranty obligation for that information is provided. Damage claim liabilities, if legally permissible, are limited to the invoice value of the testing done. We are also only liable for intentional and gross negligence, if legally possible. Additional genetic modifications which might also influence the development of the disease/trait, cannot be ruled out. Testing was carried out according to current general scientific knowledge.

The laboratory is accredited for the tests listed in this report according to DIN EN ISO 17025:2018.

In the requested DNA profile an issued Certificate is included (not for breed classifications) if the sample has been collected by a veterinarian. Please thoroughly verify the animal and owner data provided to you. Any corrections afterward can only be carried out 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.

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 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.

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. MSc Michelle Meißler  
Abt. Molekularbiologie

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



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