

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

Aarslev Dyreklinik A/S
Brovej 11
5792 Aarslev
Dänemark

Report No.: **2409-W-116374**
Date of arrival: 06.09.2024
Date of report: 16.09.2024
Testing started: 06.09.2024
Testing completed: 16.09.2024
Status of the report: Final report

Species:	Dog
Breed:	Golden Retriever
Gender:	Male
Name:	Gemaek's Music for Arainyday
Stud book No.:	DK 11295/2023
Chip No.:	208250000196337
Date of birth / Age:	18.06.2023
Type of sample:	EDTA-Blood
Date sample was taken:	04.09.2024
Sampler:	Steffen Knold (3088)
Owner / Animal-ID:	Skott, Marianne
IT No. / Report-ID:	---

Classic STR DNA-Profile (ISAG 2006) - PCR

Amelogenin:	Y/X
AHT 121:	96/102
AHT 137:	133/133
AHTH 130:	121/121
AHTH 171:	219/219
AHTH 260:	242/248
AHTK 211:	93/93
AHTK 253:	286/288
CXX 279:	126/126
FH 2054:	172/172
FH 2848:	238/238
INRA 21:	99/99
INU 005:	124/128
INU 030:	144/152
INU 055:	214/218
REN 105 L 03:	235/239
REN 162 C 04:	204/204
REN 169 D 01:	202/216
REN 169 O 18:	164/170
REN 247 M 23:	272/272
REN 54 P 11:	226/226
REN 64 E 19:	153/153

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.

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

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).

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.

Sampling:

The following impartial person (veterinarian, breed warden, or similar) signed the form for the sampling and identity check of the animal:

Steffen Knold (3088)

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 officially accredited laboratory according to DIN EN ISO/IEC 17025:2018, DAkkS No. D-PL-13186-01-01 D-PL-13186-1-02 and D-PL-13186-01-03. The accreditation applies to all test procedures listed in the accreditation certificate.

*: test performed by partner laboratory



Fr. Dr. Melanie Emmerth
Abt. Molekularbiologie

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



Laboklin App

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

Like the equine Parvovirus, the equine Hepacivirus has been associated with hepatopathies in horses. These PCR-tests can be performed using serum, EDTA whole blood as well as liver tissue. The tests can be ordered individually (#8699 and #8906) or in the profile "hepatotropic viruses" (#8918).