

GENETIC CERTIFICATE

Mr Dusan KOLLARIK

Bela 33
03811 Bela-Dulice
SLOVAKIA

Name : **Finna Bella Aurea**

Specie : **Dog**
Breed : **Golden Retriever**

ID Number : **941 000 016 041 679**
Pedigree Number : **SPKP 3007/18**

Gender : **Female**
Birth date : **23/03/2015**

Owner :
KOLLARIK Dusan
03811 Bela-Dulice (SK)
Customer Nb : C52122

Sample Number : **623 240**
Sample type : Cheek swab sample
Sample date : 22/03/2019
Request date : 29/03/2019

Sample realized by :
RUMANOVA Janka (Veterinarian)
03601 Martin-Záturečie (SK)
Official Nb : **1498**
Authenticated sample

File Nu. : 160 105
Animal Number : 152 272
Result code : 353987

Neuronal Ceroid Lipofuscinosis (NCL-F)

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of the CLN5 gene. The animal will not develop the form of Neuronal Ceroid Lipofuscinosis associated to the tested mutation. The animal will not transmit the genetic anomaly to its progeny.

Magali Kernaleguen
Genetic Analyst

Estelle Sauvegrain
Genetic Analyst

Result established on 08/04/2019

Certificate issued on 08/04/2019



Explanation

This test is specific to Neuronal Ceroid Lipofuscinosis in Golden Retriever. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the c.934_935delAG mutation in the CLN5 gene (Gilliam et al. 2015). This test can not be used to detect other forms of neuronal ceroid lipofuscinosis, nor other hereditary forms of neurological diseases, nor other neurological disorders acquired during the life span of the animal.

The laboratory ANTAGENE puts at its disposal all resources and means necessary with regards to reliability, quality assurance, and traceability in order to guarantee a result of 99% accuracy.