

GENETIC CERTIFICATE

Ms Britt BRITT DEGN NIELSEN

Blegindvej 40a
8362 Hoerning
DENMARK

Name : **Amazing Tiklo's Geronimo**

Specie : **Dog**
Breed : **Bernese Mountain Dog**

ID Number : **208 213 990 193 098**
Pedigree Number : **DK07383/2016**

Gender : **Male**
Birth date : **10/04/2016**

Owner :
BRITT DEGN NIELSEN Britt
8362 Hoerning (DK)
Customer Nb : C94168

Sample Number : **550 620** (Authenticated)
Sample type : Blood sample
Sample date : 11/12/2017
Request date : 15/01/2018

Sampler veterinarian :
SABROE Finn
8660 Skanderborg (DK)
Official number : **811**

File Nu. : 141 799
Animal Number : 168 162
Result code : 296032

Histiocytic Sarcoma (Test SH)

Result : **Index A**

Interpretation : The individual tested has a four times lower risk of developing Histiocytic Sarcoma.

This genetic test should be just one of the many selection criteria. It is important within a breeding population to give priority to individuals with the best index but is also of the utmost importance when selecting breeding pairs that sufficient genetic diversity is maintained in the breed.

Estelle Sauvegrain
Genetic Analyst



Mathilde Verdier
Genetic Analyst



Result established on 22/01/2018

Certificate issued on 22/01/2018

Explanation

This genetic test for Histiocytic Sarcoma is based on 9 genetic markers (Panel SH0912) identified from scientific research on Histiocytic Sarcoma on Bernese Mountain Dogs carried out by the Canine Genetics Team of the CNRS of Rennes, France. The methods used to calculate the genetic index were based on a population of 1081 European dogs, mainly from France. The test for Histiocytic Sarcoma has three possible results expressed as an index: index A, the individual tested has a four times lower risk of developing Histiocytic Sarcoma ; index B means neutral index ; index C, the individual tested has a four times higher risk of developing Histiocytic Sarcoma. This genetic test is simply a probability test, and this must be clearly accepted by the user.

This genetic test is designed solely to be a tool to help breeders in their breeding decisions. As a probability test, the test SH is subject to error and should not therefore be used, under no circumstances, as a commercial or advertising point by breeders.

The ANTAGENE laboratory will provide the necessary state-of-the-art technology to guarantee the reliability of its genetic test.