

## GENETIC CERTIFICATE

**Mrs Lis ØSTERGAARD**

Rønnealle 38

Frederiks

7470 Karup J

DENMARK

Name : **Fensholt's Tara**

Specie : **Dog**

Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 127 077**

Pedigree Number : **DK17454/2018**

Gender : **Female**

Birth date : **11/09/2018**

Owner :

**ØSTERGAARD Lis**

7470 Karup J (DK)

Customer Nb : C98200

Sample Number : **629 820** (Authenticated)

Sample type : Blood sample

Sample date : 13/02/2019

Request date : 18/02/2019

Sampler veterinarian :

**HENRIKSEN Maria**

8800 Viborg (DK)

Official number : **5550**

File Nu. : 158 310

Animal Number : 191 560

Result code : 348373

### Histiocytic Sarcoma (Test SH)

Result : **Index B**

Interpretation : Neutral index - not predictive of higher or 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.

Magali Kernaleguen  
Genetic Analyst

Cécile Kaerle  
Genetic Analyst

Result established on 27/02/2019

Certificate issued on 27/02/2019



#### 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.