

GENETIC CERTIFICATE

Mrs Britta Staugaard MORTENSEN

Diesen Alle 25

2791 Dragør

DENMARK

Name : **Staugaard's Cover Girl**

Specie : **Dog**

Breed : **Bernese Mountain Dog**

ID Number : **208 213 990 309 871**

Pedigree Number : **DK11847/2018**

Gender : **Female**

Birth date : **04/07/2018**

Owner :

MORTENSEN Britta Staugaard

2791 Dragør (DK)

Customer Nb : C85462

Sample Number : **597 271** (Authenticated)

Sample type : Blood sample

Sample date : 25/09/2018

Request date : 01/10/2018

Sampler veterinarian :

WITSCHAS Frederik

4600 Koge (DK)

Official number :

File Nu. : 152 495

Animal Number : 185 217

Result code : 329893

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.

Manon Silvestre
Genetic Analyst



Méline Corniquel
Genetic Analyst



Result established on 05/10/2018

Certificate issued on 05/10/2018

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.