

## GENETIC CERTIFICATE

Ms Therese BRATENES

Nedre Langgt 105 1743 Klavestadhaugen

**NORWAY** 

Name: Mirakel Morten Av Triomar

Specie: Dog

Breed: Bernese Mountain Dog

ID Number: NO33188/19 Pedigree Number: No33188/19

Gender: Male

Birth date : 06/02/2019

Owner:

**BRATENES Therese** 1743 Klavestadhaugen (NO) Customer Nb: C77418

Sample Number : **621 913** Sample type: Cheek swab sample

Sample date: 27/03/2019 Request date: 16/04/2019

Sample realized by:

TORP Per August (Veterinarian)

1890 Rakkestad (NO) Official Nb: 8771 Authenticated sample

File Nu.: 160 896 Animal Number: 195 265 Result code: 356589

## **Histiocytic Sarcoma (Test SH)**

Index B Result:

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

Result established on 25/04/2019 Certificate issued on 04/05/2019

Genetic Analyst

Kerty

Elodie Belmonte Genetic Analyst

## 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.