

GENETIC CERTIFICATE

Ms Therese BRATENES

Nedre Langgt 105
1743 Klavestadhaugen
NORWAY

Name : **Maglod-falvi Evita**

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

ID Number : **990 000 000 931 920**
Pedigree Number : **METBSH507/17**

Gender : **Female**
Birth date : **17/09/2016**

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

Sample Number : **552 267** (Authenticated)
Sample type : Blood sample
Sample date : 26/03/2018
Request date : 10/04/2018

Sampler veterinarian :
TORP Per August
1890 Rakkestad (NO)
Official number : **1013769**

File Nu. : 145 416
Animal Number : 175 985
Result code : 307371

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.

Mathilde Verdier
Genetic Analyst



Estelle Sauvegrain
Genetic Analyst



Result established on 20/04/2018

Certificate issued on 20/04/2018

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.