

GENETIC CERTIFICATE

Ms/Mr Anna & Henrik ANDREASSEN

Ebeltoftvej 34

8410 Rønne

DENMARK

Name : **Champalays Xanadu of Magic**

Specie : **Dog**

Breed : **Bernese Mountain Dog**

ID Number : **208 274 000 038 045**

Pedigree Number : **DK16820/2019**

Gender : **Female**

Birth date : **23/09/2019**

Owner :

ANDREASSEN Anna & Henrik

8410 Rønne (DK)

Customer Nb : C110323

Sample Number : **729 703**

Sample type : Blood sample

Sample date : 05/03/2021

Request date : 15/03/2021

Sample realized by :

KLITGAARD Marianne (Veterinarian)

7900 Nykøbing Mors (DK)

Official Nb : **1260**

Authenticated sample

File Nu. : 193 446

Animal Number : 231 783

Result code : 460853

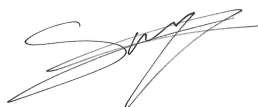
Histiocytic Sarcoma (Test SH)

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.

Estelle Sauvegrain
Genetic Analyst



Magali Kernaléguen
Genetic Analyst



Result established on 19/03/2021

Certificate issued on 19/03/2021

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.