GENETIC CERTIFICATE

Ms Astrid IMMLER
Oberschönenbuch 75
6438 Ibach
SWITZERLAND

Name : **Trudy-Wilma z'Schangnauer Glück**

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

ID Number : **756 098 100 823 992**
Pedigree Number :

Gender : **Female**
Birth date : **04/12/2017**

Owner :
IMMLER Astrid
6438 Ibach (CH)
Customer Nb : C108236

Sample Number : **628 456** (Authenticated)
Sample type : Blood sample
Sample date : 00/00/0000
Request date : 13/02/2019

Sampler veterinarian :
STAUBLI Daniela
6440 Brunnen (CH)
Official number :

File Nu. : 158 059
Animal Number : 195 236
Result code : 347665

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.

Magali Kernaleguen
Genetic Analyst

Cécile Kaerle
Genetic Analyst

Result established on 20/02/2019
Certificate issued on 20/02/2019

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.