GENETIC CERTIFICATE

Ms Erika BROMOSE
Dystedvej 24
4684 Holmegaard
DENMARK

Name : **Cobie**

Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 074 822**
Pedigree Number : **DK08798/2016**

Gender : **Female**
Birth date : **17/04/2016**

Owner :
BROMOSE Erika
4684 Holmegaard (DK)
Customer Nb : C73578

Sample Number : **494 790** (Authenticated)
Sample type : Blood sample
Sample date : 14/07/2016
Request date : 21/07/2016

Sampler veterinarian :
OLSEN Peter Kjeldsted
4700 Naestved (DK)
Official number : **5715**

File Nu. : 121 055
Animal Number : 141 612
Result code : 228962

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.

Lina Muselet
Genetics Engineer

Result established on 29/07/2016

Certificate issued on 29/07/2016

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.