



GENETIC CERTIFICATE

Name : **Qashqai Vom Moosmülli**

Ms Karin NEFF
Paradiesstrasse 48
9404 Rorschacherberg
SWITZERLAND

Breed : **Bernese Mountain Dog**

ID Number : **756 097 200 099 561**
Pedigree Number : **734631**

Gender : **Male**
Birth date : **10/05/2015**

Owner :
NEFF Karin
9404 Rorschacherberg (CH)
Customer Nb : C79350

Sample Number : **495 318** (Authenticated)
Sample type : Blood sample
Sample date : 12/08/2016
Request date : 16/08/2016

Sampler veterinarian :
KRAMERS Paul
CH-8050 Zurich (CH)
Official number :

File Nu. : 121 855
Animal Number : 143 572
Result code : 231730

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.

Lina Muselet
Genetics Engineer

Result established on 19/08/2016

Certificate issued on 19/08/2016

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.