



## GENETISCHES ZERTIFIKAT

**Ms Karin DUDLER**

Dorfstrasse 29  
7233 Jenaz  
SWITZERLAND

Geboren am : **Vero vom Ruederthal**

Rasse : **Bernese Mountain Dog**

Identifikationsnr. : **756 098 100 736 891**  
Stammbaumnummer : **SHSB 735337**

Geschlecht : **Männchen**  
Geburtsdatum : **07/05/2015**

Tierbesitzer :  
**DUDLER Karin**  
7233 Jenaz (CH)  
Kundennummer : C92158

Probe Nr : **525 741** (Bestätigt)  
Probe : Blut  
Probeentnahme am : 03/09/2017  
Anwendungsdatum : 06/09/2017

Sampler veterinarian :  
**HOSTETTLER Franziska**  
3098 Schlieren bei Köniz (CH)  
Tierarzt-Nr :

Konto : 136 601  
Tierzahlen : 164 622  
Ergebniscode : 279362

### Degenerative Myelopathy (DM-sod1b)

Ergebnis : **Homozygot gesund**

Deutung : The animal has 2 normal copies of the SOD1B allele. The animal will not develop the form of Degenerative Myelopathy associated to the tested mutation. The animal will not transmit the genetic anomaly to its progeny.

Caroline Dufaure De Citres  
Genetische Analytistin

Aurélie Michel  
Genetischer Analyst

Ergebnisdatum 13/09/2017

Bearbeitet das Zertifikat 05/12/2017

#### Erklärungen

This test is specific to Degenerative Myelopathy in Bernese Mountain dog. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the c.52A>T mutation in the SOD1 gene (Zeng et al. 2014). This test can not be used to detect other forms of degenerative myelopathy, nor other hereditary forms of neurological diseases, nor other neurological disorders acquired during the life span of the animal. An another DNA test (DM-sod1A) is available to detect an other form of Degenerative Myelopathy in this breed

The laboratory ANTAGENE puts at its disposal all resources and means necessary with regards to reliability, quality assurance, and traceability in order to guarantee a result of 99% accuracy.