



GENETIC CERTIFICATE

Ms Veronica TOFTE

Paradisvagen 91
29591 Bromolla
SWITZERLAND

Name : **All Brand Bordeaux Maximus**

Breed : **French Mastiff**

ID Number : **752 098 100 453 501**

Pedigree Number : **S58490/2009**

Gender : **Male**

Birth date : **05/05/2009**

Owner :

TOFTE Veronica

29591 Bromolla (CH)

Customer Nb : C68061

Sample Number : **464 503** (Authenticated)

Sample type : Cheek swab sample

Sample date : 02/07/2015

Request date : 06/07/2015

Sampler veterinarian :

MARTINSEN Christopher

29539 Bromolla (SE)

Official number :

File Nu. : 106 148

Animal Number : 124 396

Result code : 181122

Hereditary Footpad Hyperkeratosis

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of the gene involved in this Hereditary Footpad Hyperkeratosis. The animal will not develop the form of this disorder associated to the tested mutation. The animal will not transmit the genetic anomaly to its progeny.

Result established on 10/07/2015

Certificate issued on 10/07/2015

Lina Muselet

Genetics Engineer

Explanation

This test is specific to Hereditary Footpad Hyperkeratosis in Dogue de Bordeaux breed. This disorder is inherited as an autosomal recessive trait. This test relies on the detection of the normal form of the gene involved in this Hereditary Footpad Hyperkeratosis and the defective form. This test can not be used to detect other forms of footpad hyperkeratosis, nor other hereditary forms of dermatological diseases, nor other dermatological disorders acquired during the life span of the animal. The research was led by the team of Dr. Catherine André (CNRS of Rennes, France) in collaboration with Antagene.

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.