

GENETIC CERTIFICATE

Mrs Sarah VAN DER SPEK
Korenstraat 23

9581 GT Musselkanaal
Nederland

Name : **Pacific Blue Sky Téole**

Breed : **American Staffordshire Terrier**

Identification Nu : **528 140 000 215 190**
Pedigree Nu : **NHSB 2586702**

Sex : **Female**
Date of birth : **05/12/02**

Sampler : **Veterinarian**
Dr Robert Paul DIJK
(Vlagtwedde, 9541 CK, Nederland)
Sampler nu. :

Sampling date : 28/10/08
Sampling type : Cheek swab
Sample Nu : **170170**

Receipt date : 06/11/08
Case : 13460 / 3989 / 200803708 - 06/11/08
Reference : 17032 / 7940 / 28954
Test : 33815/25003
Result code : 2313

Cerebellar Ataxia

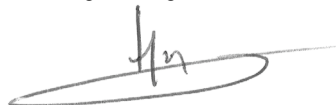
Result : **Heterozygous**

Tested disease : **Cerebellar Ataxia**

Interpretation : The animal has 1 normal copy and 1 defective copy of the implied gene in the Amstaff cerebellar ataxia. The animal will not develop the cerebellar ataxia. Statistically the animal will transmit the genetic anomaly to 50% of its progeny .

Result date : 12/11/08

Lina MUSELET
Engineer in genetics



Explanations :

This test is specific to the cerebellar ataxia in American Staffordshire Terrier (Amstaff), also named cerebellar cortical degeneration or neuronal ceroid lipofuscinosis (NCL). This neurological disorder is inherited as an autosomal recessive trait. This test relies on the detection of the normal form of the gene implied in the Amstaff cerebellar ataxia and the only defective form known up to date. The technology underlying this test is patented world-wide by INRA and ENVA. ANTAGENE has a exclusive international license to provide this test. This one can not be used to detect other forms of ataxia, nor other forms of inherited neurological diseases, nor other neurological ailments acquired during the life span of the animal.