



GENETIC CERTIFICATE

Mr Matthew BROWN

cleestangate cottage
SY83EL Ludlow
UNITED KINGDOM

Name : **Gala Girl**

Breed : **English Cocker Spaniel**

ID Number : **985 170 002 691 515**

Pedigree Number : **AQ 03639308**

Gender : **Female**

Birth date : **05/09/2013**

Owner :

BROWN Matthew

SY83EL Ludlow (GB)

Customer Nb : C75542

Sample Number : **488 379** (Authenticated)

Sample type : Cheek swab sample

Sample date : 30/03/2016

Request date : 04/04/2016

Sampler veterinarian :

MILLARD Harriet

DY148RB Cleobury Mortimer (GB)

Official number :

File Nu. : 116 375

Animal Number : 136 993

Result code : 214812

Familial Nephropathy (NF)

Result : **Normal homozygous**

Interpretation : The animal has 2 normal copies of FN gene in the English Cocker Spaniel. The animal will not develop the familial nephropathy. The animal will not transmit the genetic anomaly to its progeny.

Result established on 08/04/2016

Certificate issued on 08/04/2016

Lina Muselet
Genetics Engineer

Explanation

This test is specific to the familial nephropathy in english cocker spaniel (ECS). This test relies on the detection of the normal form of the gene implied in the ECS familial nephropathy and the only defective form known up to date (gene and mutation discovered by the team of Pr Keith Murphy at Texas A&M University, USA, Davidson et al. 2007). The technology underlying this test is patented by Merlogen LLC (USA). ANTAGENE has an exclusive license to provide the FN test in Europe. This FN test has been validated on american and european populations of ECS. This test can not be used to detect other forms of hereditary nephropathies, nor other forms inherited renal diseases, nor other renal ailments acquired during the life span of the animal.

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.