



**Test result**  
**GS11-8506**

**Bridget Flynn**  
**1560 Winchester Road**  
**V9K 1Y2 Qualicum Beach, B.C**  
**Canada**

**7<sup>th</sup> June 2011**  
**Helsinki**

### **Juvenile epilepsy test for Lagotto Romagnolo**

Lab.No	Dog's name	Microchip	Result
<b>8506</b>	<b>LK Emma Louisa</b>	<b>151568081A</b>	<b>Normal</b>

Benign juvenile epilepsy in Lagottos is an autosomal recessive disorder. The test results are interpreted as follows:

- Normal:** No epilepsy mutation and therefore no predisposition to juvenile epilepsy
- Carrier:** Heterozygous for the juvenile epilepsy mutation (carries one copy of the juvenile epilepsy mutation)
- Affected:** Homozygous for the juvenile epilepsy mutation (carries two copies of the juvenile epilepsy mutation)

Puppies that have increased risk of developing juvenile epilepsy can be born if both parents are heterozygous. The probability of having affected puppies in that case is approximately 25%. If one parent is heterozygous and the other homozygous (affected) the probability of having affected puppies is 50%. If both parents are homozygous only affected puppies will be born. Puppies homozygous for the mutation become affected and experience seizures of variable extent and severity. Few individual heterozygous carriers have also been reported with seizures. The reason for this is unclear with the following possible explanations under further investigations: the carrier puppy has another mutation in the same gene, or there is another mutation in another gene, or the heterozygosity for the mutation lowers the seizure threshold in some puppies. The breed suffers also from a persisting and progressive juvenile ataxia resulting often to the euthanasia of the affected puppy. In addition, there is an adult-onset epilepsy caused by other genetic factors. If your Lagotto was tested as a carrier but has experienced seizures please contact our customer service ([info@genoscooper.com](mailto:info@genoscooper.com)) for further investigation. We are also looking for more ataxia and adult-onset epilepsy cases from the breed to study the genetics of these disorders.

On behalf of Genoscooper,

*Marjut Ritala*

Marjut Ritala, Medical Laboratory Technologist

Genoscooper Oy, PL 162, 00381 Helsinki. Puh. (09) 737 823, Fax (09) 737 827 [info@genoscooper.com](mailto:info@genoscooper.com) [www.genoscooper.com](http://www.genoscooper.com)

Genoscooper aims to highest quality in the testing process to ensure correct results. Genoscooper warrants its test results to be accurate for the sample obtained from a dog specified in the confirmation of order, as identified by the information given by the owner of the dog. In the event of a valid claim, owner's sole remedy is a refund of the fee paid. In no event shall Genoscooper be liable for indirect, consequential or incidental damages of any kind. Any claim must be asserted within one year of the report of the test results. By paying the invoice the client understands and agrees these testing conditions.





# HIP-ELBOW DYSPLASIA – INTERNATIONAL CERTIFICATE (displasia dell'anca e del gomito - certificato internazionale)

X-RAYS MADE ON: (radiografia eseguita il): 29/10/2012  
OF THE DOG (del cane)

BREED (razza) LAGOTTO ROMAGNOLO

NAME (nome) EMMA FOR GRANATO

SEX (sesso) F BIRTH DATE (data di nascita): 11/04/2011

STUDBOOK (libro origini): ROI

REGISTRATION N° (registrazione n°): 12121238

TATOO/CHIP N° (tatuaggio/microchip n°): /151568081A

OWNER (proprietario) BENELLI MONICA

ADDRESS (indirizzo) VIA GAIBARELLA 3A 196-C 47842 SAN GIOVANNI IN MARIIGNANO RN

CLASSIFICATION: (Classificazione):

HIP (ANCA)    A     B    C    D    E  
ELBOW (GOMITO)    0    1    2    3

**CIRCLE THE RELEVANT**  
(cerchiare il corrispondente)

THE EVALUATION WAS MADE (la lettura è stata eseguita)

ON (il) 16/01/2013

BY (da)

Dr. Ferdinando Asnaghi

THE PROCEDURE HAS BEEN PERFORMED ACCORDING TO THE RULES OF F.C.I. - (la procedura è stata eseguita secondo le disposizioni F.C.I.)

SIGNATURE

(firma) Ferdinando Asnaghi

STAMP

(timbro)

CENTRALE DI LETTURA DELLE MALATTIE  
SCHELETRICHE GENETICHE e/o EREDITARIE DEL  
CANE (CeLeMaSche)

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