

**Monica Benelli
Via Gaibarella IIIA
47842 San Giovanni in Mar.
Italy**

**28th March 2011
Helsinki**

Juvenile epilepsy test for Lagotto Romagnolo

Lab.No	Dog's name	Registration	Microchip	Result
7968	Yduns Blue's Malu	LI 09/37431	380098100893275	Normal

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:** Heterozygote for the juvenile epilepsy mutation (carries one copy of the juvenile epilepsy mutation)
- Affected:** Homozygote 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 heterozygote. The probability of having affected puppies in that case is approximately 25%. If one parent is heterozygote and the other homozygote (affected) the probability of having affected puppies is 50%. If both parents are homozygote 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) 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 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.



Spin off dell'Università degli Studi di Ferrara

Laboratorio accreditato E.N.C.I.

ATTESTATO DI DEPOSITO MATERIALE BIOLOGICO

IN DATA: 1/02/2010

IL PROPRIETARIO: BENELLI

MONICA

HA EFFETTUATO
IL DEPOSITO DEL MATERIALE BIOLOGICO
DEL SEGUENTE ESEMPLARE:

CODICE LABORATORIO: DOG000936

NOME: YDUN'S BLUE'S MALU

SESSO: F

N° LOI/ROI/LIR: LA 09/37431

N° TATUAGGIO:

ESECUTORE: DR. NICOLO' NUNZIATINI

RAZZA: LAGOTTO ROMAGNOLO

DATA DI NASCITA: 04/05/2008

N° MICROCHIP: 380098100893275

SANGUE (5) / VETKARD (2): 5

ACCERTATORE: Dott.ssa Francesca
Visentini

Il campione verrà conservato presso la struttura di NGB Genetics Srl, secondo le modalità richieste dall'Ente Nazionale Cinofilia Italiana (E.N.C.I.).



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

X-RAYS MADE ON: (radiografia eseguita il): **09/06/09**

OF THE DOG (del cane)

BREED (razza) **LAGOTTO ROMAGNOLO**

NAME (nome) **YDUNS BLUE'S MALLU**

SEX (sesso) **F** BIRTH DATE (data di nascita): **04/05/08**

STUDBOOK (libro origini): **RSR**

REGISTRATION N° (registrazione n°): **09/37431** TATTOO/CHIP N° (tatuaggio/microchip n°): **380098100893275**

OWNER (proprietario) **BENELLI MONICA**

ADDRESS (indirizzo) **VIA GAIBARELLA III, 196/C – MARGINANO (RN)**

CLASSIFICATION: (Classificazione):

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

CIRCLE THE RELEVANT
(cerchiare il corrispondente)

THE EVALUATION WAS MADE (la lettura è stata eseguita)

ON (il) **18/07/09**

BY (da)

DR. ALDO VEZZONI

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)



STAMP

(timbro)

FSA

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