

Fra: befund@laboklin.de  
Emne: Joergensen, Keld Dog Labrador Retriever  
Dato: 25. aug. 2014 17.13.24 CEST  
Til: dunsinan@post12.tele.dk, ad-it@ad-it.net

# LABOKLIN

LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

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## Report

No.: 1408-W-25857  
Date of arrival: 23-08-2014  
Date of report: 25-08-2014

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| Patient identification: Dog           Male           * 15.07.12 |  
|                               Labrador Retriever    |  
| Owner / Animal-ID:      Joergensen, Keld          |  
| Type of sample:        EDTA-Blood                 |  
| Date sample was taken:  21-08-2014                |  
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Name: **Lochiness Han Solo**

Stud book no.: **DK13194/2012**

Chip no.: **208210000407939**

Tattoo no.: **--**

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### Dwarfism (Skeletal Dysplasia 2) - PCR

Result: genotype N/SD2 (carrier)  
Interpretation: The analysed dog is a carrier (heterozygous) of the mutation, which is suggested to cause Skeletal Dysplasia 2. It can pass the mutation onto its offspring with a probability of 50 % and should therefore only be mated to clear dogs.  
This result is only valid for the breed Labrador Retriever.

### Exercise Induced Collapse (EIC) - PCR

Result: Genotype N/N

Interpretation: The dog is homozygous normal concerning the intact gene. The dog is genetically clear and will not be affected by EIC (Exercise Induced Collapse).

The dog can pass only the normal gene on to all its offspring.  
The currently known mutation has been analysed.

The result is valid for the following breeds: Bouvier des Flanders,  
Boykin Spaniel, Chesapeake Bay Retriever, Cocker Spaniel, Curly  
Coated Retriever, Deutsch Drahthaar, Labrador Retriever, Old English  
Sheepdog and Pembroke Welsh Corgi

The current result is only valid for the sample submitted to our  
laboratory. The sender is responsible for the correct information  
regarding the sample material. The laboratory can not be made  
liable. Furthermore, any obligation for compensation is limited  
to the value of the tests performed.

There is a possibility that other mutations may have caused the  
disease/phenotype. The analysis was performed according to the latest  
knowledge and technology.

The laboratory is accredited for the performed tests according to DIN  
EN ISO 17025 (D-PL-13186-01). (except partner lab tests).

\*\*\* END of report \*\*\*

Hr.Dr. Beitzinger  
Dipl.-Biol. Molekularbiologie

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