

# Research project: Progressive Retinal Atrophy (PRA) in Dogs

## INSTRUCTIONS

### for taking and shipping of blood sample for DNA isolation

The department of human genetics at the Ruhr-University Bochum is performing a research project on progressive retinal atrophy (PRA) in dogs. For this, blood samples of PRA affected dogs, as well as the blood of the parents, the grandparents and the litter are required. The blood is used to isolate DNA. It is therefore important that during the taking and sending of the blood sample the following points are taken into account:

1. The blood sample should be taken sterile.
2. Per dog a blood sample of approx. **5-10 ml** should be taken and mixed well with the anti-coagulated agent EDTA in test-tube.
3. **No** heparin-blood
4. The test tubes with the **name of the dog**, the completed **instruction form**, a copy of the **pedigree** and the **tests results of the eye examination** must be immediately mailed (unchilled) to the address mentioned below, possibly at the beginning of a week (not an Friday or Saturday).
5. In the event that longer storage is inevitable, the blood has to be frozen at -20° C and then sent packed with dry ice. Frozen blood **must not defrost** before processing.

#### The following information is requisite:

Name of dog: \_\_\_\_\_

Breed: \_\_\_\_\_

Date of birth: \_\_\_\_\_

Gender:  Male  Female

PRA:  free  temporary not free  affected

Owner's name and address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of sample taken: \_\_\_\_\_

**Please send blood sample to:** Ruhr-Universität  
Humangenetik  
Gabriele Dekomien  
Universitätsstraße 150  
44780 Bochum  
Germany  
Tel.: +49 234/32 25764; Fax: +49 234/32 14196  
E-mail: [gabriele.dekomin@rub.de](mailto:gabriele.dekomin@rub.de)