

## DNA sample collection

For all genetic tests we need a DNA sample, this can be either blood or buccal swabs.



**EDTA BLOOD TUBE**



**BUCCAL SWAB**

### **Blood:**

0.5 – 1 ml whole blood in EDTA blood tube per test. Blood must be collected by a vet. There is no minimum age for using blood.

### **Buccal (Cheek) swabs:**

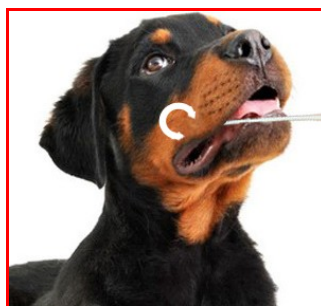
2 swabs per animal per test. Buccal swabs can be used by owners. Minimum age for using swabs is one week after the puppy / kitten is weaned from the mother. This is to ensure that there is no DNA from the mother in the puppy's/ kitten's mouth.

Buccal swabs and EDTA blood tubes are available from us and can be ordered free of charge on our website.

### **Instructions for using SWABS**

Please use **2** swabs for each animal for each test, example, if you want to test one dog for two conditions, then we need 4 buccal swabs. If multiple animals are being sampled wash your hands between samplings.

1. To avoid contamination with DNA of other sources, the animal shouldn't be fed for 1-2 hours before taking the swab. In the morning before eating is ideal time. Ensure that there is no food debris in the mouth. It is also recommended to separate young animals for 1-2 hours before the process.
2. Remove the swab from the package at the handle end. Do not touch the collection tip of the swab. The person taking the samples should avoid touching the inside of the animal's mouth.
3. While taking the sample scrub the oral mucosa (the inside of the cheek) **strongly** for about 20 seconds to ensure that enough cells are attached to the tip. It is not possible to perform a genetic test if there is no enough DNA on the swabs.



4. It is very important to air dry the swab after use for at least 2-4 hours (better overnight), this can be achieved by standing the swab on its cap, then
5. Place the swab back into the tube. Please label the tube with the important information (name of the animal, owner...)
6. Send the swabs together with the Order Form to LABOKLIN as soon as possible.

If the DNA on the swabs is not enough for the test. We will contact you and request EDTA-blood sample.

If you have any further questions please do not hesitate to contact us.

**LABOKLIN ( UK )**

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