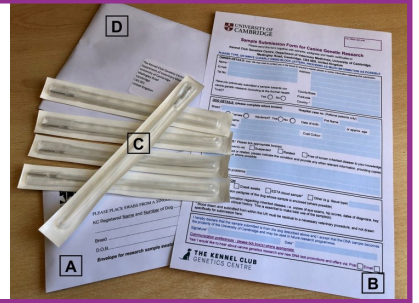


## Swab Sample Collection Procedure

Please follow the instructions below carefully to collect the dog's DNA sample, and provide as much information as you possibly can.

Kit contents (for 1 dog only):

- 1x swab envelope (A)
- 5x buccal (cheek) swabs (C)
- 1x sample submission form (B)
- 1x return envelope (D).



**1** Label the provided swab envelope (A) clearly with the **KC registered name and number, breed, sex and date of birth** of the dog.

If these are not available, label with a pet name or other identifier.

**2** Complete the Sample Submission Form (B), providing as much information as possible. The information should match that provided on (A).

It is imperative that the information given here is **accurate**, particularly the dog's clinical **status details** to be of greatest benefit towards genetic study.

**3** Remove a single swab (C) from its packaging by peeling the paper backing off the plastic, trying to avoid any or excessive contact with the brush end. **Discard the plastic packaging**, it will not be used again.

Wearing latex or vinyl gloves will help to prevent contamination, but not necessary.



**4** Hold the dog's head firmly and roll the swab on the inside of the dog's cheek, between its cheek and gums. Do this **for at least 10 seconds** on each side of the mouth, ensuring the brush is moved across the entire cheek surface and avoiding the teeth when possible. It helps to apply some pressure on the brush using your fingers.

Cheek cells are not visible to the naked eye, but by brushing the surface thoroughly ensures a sufficient sample is obtained.



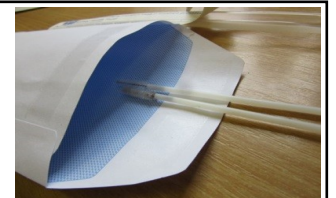
**5** Place the swab in a mug, brush end up, and allow to air dry while repeating step 4 with all remaining swabs.

Be careful to avoid touching the brush.



**6** Once all swabs have air dried for at least 2 minutes, place **only the swabs** directly into the swab envelope (A), brush end first.

If the dog becomes impatient the swabs can be used at different time intervals, but be sure to place the used swabs in the swab envelope.



**7** Seal the swab envelope (A) and place it, the completed sample submission form (B) and supporting information\* in the addressed return envelope (D) provided. Return the swab samples to The Kennel Club Genetics Centre (**Please ensure you apply the correct postage for a large letter to ensure we receive the samples without incurring charges.**)

\* Useful supporting information include copies of the dogs pedigree and relevant health certificates/diagnoses.

It is not necessary to use a special delivery service as the DNA is in a stable state once dried and placed directly inside the Swab Envelope.

Acknowledgement of sample receipt will be given where an e-mail contact has been provided.

The **accuracy of supplied information is vital** for the sample to be used for research purposes.

It is also important to **inform The Kennel Club Genetics Centre of any significant health changes** that occur after the sample has been submitted. Information provided will remain **confidential** and will not be shared with third parties.