



DNA Repository Submission Instructions via Cheek Swab

Your sample kit contains the following items:

Buccal Swab Kit:

- 5 Buccal Swabs
- Pre-printed Bar Code Labels
- Submission Instructions
- Return Mailing Label to UC Davis
- Return Mailing Label to OFA
- Health Survey

Directions for submitting DNA sample via Buccal Swab:

1. Before collecting sample, make sure that the animal is not chewing any food. If the animal has been eating, let it drink water, or wash its mouth with water.
2. If sampling multiple animals, sample ONE at a time and complete the process to avoid any cross contamination of the DNA samples.
3. Five buccal swabs are included in each kit. You may split the collection into multiple sessions. Remove the brush from the envelope and brush the inside of the animal's cheek, or brush the gums. Rub firmly for 5 to 10 seconds, but take care not to injure the cheeks or gums.
4. Wave brushes in the air for several seconds to air dry before inserting them back in the labeled brush envelopes.
5. Place the bar code label pre-printed with the dog's registration number on the brush envelope in the blank area to the left of the instructions.
6. You may keep one of the samples for your own self DNA storage. The sample should be stored in a safe location at room temperature with a minimum of humidity.
7. Place the remaining samples (up to 4) in an envelope and use the pre-addressed label for UC Davis. If submitting multiple samples, repeat steps 1 through 5 for each dog independently, taking care to avoid any sample cross contamination and using the correctly labeled envelopes for each swab. All the samples may be mailed back together.
8. Complete the health survey for each dog, and send it along with a 3 to 5 generation pedigree to the OFA using the OFA mailing label provided. The health survey and pedigree information are critical parts of the repository. The samples are of little value without the corresponding phenotypic history and genealogy. You will receive periodic follow up surveys to record any significant change in the health status of the dog.
9. Thank you for participating in the CHIC DNA Repository.

UC Davis Mailing Address

UC Davis
Veterinary Genetics Lab
One Shield Ave.
Davis, CA 95616

OFA Mailing Address

OFA
2300 E Nifong Blvd.
Columbia, MO 65201