

Sample Submission Instructions

Online Submission Portal

To submit samples for genetic testing, please fill out our online submission form found at <https://cvm.ncsu.edu/nc-state-vet-hospital/small-animal/genetics/submit-samples-for-genetic-testing/>. Have your samples ready to submit by following the instructions below before filling out the online submission form.

Note: If you are submitted samples from outside the United States, please see our instructions for import declaration on pages 2 and 3 of this document.

Blood submission:

To submit a blood sample for testing, please send 1-3mLs of whole blood in a purple-top EDTA tube. Please ensure that the blood is unclotted. When shipping, please make sure the blood tube is double packaged and well-padded to prevent breakage and spills during the shipping process. Blood samples may be shipped at room temperature; however, if you are holding the blood for several days before shipping, please store in a refrigerated environment. There is no need to ship blood overnight as DNA stays very stable in blood. Please label blood tube with the animal's name and owner's last name.

Swab submission:

Sterile cheek swabs can be requested at no additional cost by filling out our swab kit order form. Please note that this is a separate form from the sample submission form; you must still complete the sample submission form prior to sending in your samples. Instructions for swab use can be found on our webpage. These instructions will also be sent to you in the requested swab kit. Please do not submit cotton swabs or q-tips. Used swabs should be sent in their original packaging, taped shut but not tightly sealed. Please label each swab on its original packaging with the animal's name IDENTICAL to the name provided on the online submission form, owner's first and last name, and the requested test. There is no need to rush ship swabs as DNA stays very stable on the swabs.

Semen submission:

DNA for testing may also be obtained from fresh or frozen semen samples. To submit a semen sample, please send at least 500uL (0.5mL) in a straw or sterile tube. Samples do not need to be shipped on ice, but should not be stored at room temperature for long periods of time before shipping. If you are shipping a semen straw, you can place the straw inside a hollowed-out pen (remove the ink) to avoid breakage, or place in a padded box. Larger tubes may be placed in a padded envelope or box.

Please feel free to email cvm-cardiacgenetics@ncsu.edu or call (919) 513-3314 with any other questions!

NC State College of Veterinary Medicine

Veterinary Cardiac Genetics Laboratory

cvm-cardiacgenetics@ncsu.edu (919)513-3314

Dear valued customer,

The USDA has issued guidelines for importing feline and canine material into the United States. To ensure timely delivery of your samples, we recommend following these instructions:

1. A declaration statement has been included on the page 3 of this document. Please read over the declaration to ensure all of the statements are correct regarding your samples. In the blank line on the first statement, indicate whether you are submitting samples from canine or feline material.
2. Print off page 3 of this document.
3. Sign and date the declaration statement.
4. Place the statement into an envelope. Do not seal the envelope.
5. Indicate on the outside of the envelope that "Import Declaration for Feline or Canine Material are included in this envelope".
6. Attach the unsealed envelope to the outside of your package.

If you have any further questions regarding these recommendations, please contact us at cvm-cardiacgenetics@ncsu.edu.

Thank you,

Veterinary Cardiac Genetics Laboratory

North Carolina State University

College of Veterinary Medicine

1060 William Moore Dr.

RB 326

Raleigh, NC 27607

vcgl@lists.ncsu.edu

(919) 513-3314

Import Declaration of Feline and Canine Material

In accordance with Guideline 1102: Feline and Canine Material:

This package contains _____ buccal swabs and/or blood samples.

The samples do not contain any other animal-derived material (i.e. do not contain any material originating from livestock or poultry).

The animals from which the material was derived were not inoculated with or exposed to any infectious agents of USDA agricultural concern.

Signature: _____

Date: _____