

Corgi Cardiac DNA Study

We are looking for DNA samples from Pembroke Welsh Corgis for a genetic study that evaluates unique DNA changes that may be associated with a congenital heart disease (patent ductus arteriosus).

We need to collect DNA samples as soon as possible from 100 Corgis. We need DNA from healthy Corgis and from Corgis that have ongoing heart disease (patent ductus arteriosus or other heart diseases) or other medical problems.

Ideally, the DNA would be from a wide number of families so are hoping to get samples from as many different families as possible.

Thank you for your help!

Dr. Kate Meurs, North Carolina State University
Drs. Lisa Freeman and John Rush, Tufts University

Please return the form on page 2 with your sample and mail to:

NCSU - College of Veterinary Medicine
ATTN: Veterinary Cardiac Genetics Laboratory
Research Bldg. 326
1060 William Moore Dr.
Raleigh, NC 27607

Sample collection (cheek swab or blood acceptable)

1. Cheek swab: We would be happy to ship you a swab collection kit for you to swab your Corgi for DNA collection. Email Dr. Meurs to request a kit: kate_meurs@ncsu.edu

OR

2. Please ask your veterinarian or a veterinary technician to pull a blood sample into an **EDTA** tube. Most veterinary hospitals have these readily available.
 1. 2-3 milliliters of blood should be collected into a standard EDTA tube (does not need to be refrigerated).
 2. Please label tube well, with animal's call name and family last name and send the samples to our lab via the address above.

Blood drawn does not need to be mailed back with ice packs or be shipped overnight. However, if possible please try to send the sample within a few days by standard mail. Until the blood can be mailed, it is a good idea to refrigerate it (i.e., if the blood was drawn late Saturday and cannot be mailed until Monday, it's please refrigerate it between Saturday and Monday).

Questions? Contact Info: Email: Kate_meurs@ncsu.edu or Phone: 919-513-6213

Thank you very much for your submitting a sample, we greatly appreciate it!

Corgi Heart Disease Study
(please submit as soon as possible!)

Dog Name:

Sex:

Neutered?

Birthdate:

Owner Name:

Complete Address:

Phone Number:

E-mail:

Do you know of any family history of heart abnormalities, specifically a birth defect called patent ductus arteriosus? Please explain:

Does your dog have any other medical conditions? Please explain:

If possible, could you please include a Xerox copy of a PEDIGREE (IF you have one, to help us study relationships) and any cardiac ultrasound (echo) information?

ALL INFORMATION WILL BE MAINTAINED IN A CONFIDENTIAL DATABASE. INDIVIDUAL NAMES AND RESULTS WILL NOT BE SHARED

THANK YOU!!!!!!!!!!!!