

Corgi Cardiac DNA Study

We are looking for DNA samples from Pembroke Welsh Corgis with a congenital heart disease called patent ductus arteriosus or PDA.

We've gotten enough DNA samples from Corgis without PDA, but we need more DNA from Corgis with PDAs to help identify the gene mutation causing PDAs in this breed.

Please ship samples as soon as possible to help with this research.

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, 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:

Date of diagnosis of PDA (please attach ultrasound report, if possible or provide the name of the cardiologist):

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!!!!!!!!!!!!