

BREEN & MODIANO LAB CANINE CANCER STUDY
Procedures for Enrollment

SAMPLES ARE NEEDED FROM THE FOLLOWING BREEDS:

Australian Shepherd
Bernese Mountain Dog
Border collie
Boxer
Briard
Bullmastiff
Cocker Spaniel
Flat-coated retriever
Golden retriever

Greyhound
Irish Setter
Labrador retriever
Mastiff
Old English Sheepdog
Poodle (all varieties)
Portuguese Water Dog
Rottweiler
Saluki
Viszla

Types of samples required:

1) Cancer free seniors - blood samples

Please send 5ml of EDTA (lilac-top) blood from dogs considered 'seniors' for each breed and which have no cancer history.

2) Tumor bearing dogs - blood samples and tumor samples

Samples are requested from the following cancer types:

Non-Hodgkins Lymphoma
Hemangiosarcoma
Osteosarcoma

Please follow the attached guidelines for sample submission.

Please let us know by e-mail to info@breenlab.org as soon as the samples are ready for sending so that we can make sure we are ready to receive them.

If the sample collection happens on a Friday, please keep the samples refrigerated over the weekend and send them to us on the following Monday.

Please send packages to: **BREEN LAB,**
Room 330A CVM Research Building,
NCSU College of Veterinary Medicine,
4700 Hillsborough Street,
Raleigh, NC27606.

PHONE: 919-513-1466

Sample Submission Instructions

Please call (919-513-1466) or e-mail (info@breenlab.org) if you need further clarification with these instructions.

- **Biological specimens required (for all tumor types)**

Check
list

5-10mls of blood in EDTA tubes (lilac top) - keep cold in a refrigerator then ship overnight with a cold-pack in a well-padded container →

Clean, representative, blueberry-size tumor biopsy sample (or at least 2 tru-cuts, 14 gauge) in the supplied transport medium, or in a sterile empty tube. Please keep tissue samples and blood cool in the refrigerator and then ship cold (not frozen) overnight. →

Clean, representative, blueberry-size tumor biopsy sample (or at least 2 tru-cuts, 14 gauge) in 10% formalin →

Please ensure these samples are all collected in the correct clinical specimen collection container and each is sealed well to prevent leakage →

Please ensure that each sample tube is labeled with the dog's first and last name, the date of collection and the tissue type →

For safety, please ensure that the shipment packaging complies with the regulations of the carrier used →

- **Paperwork required**

A copy of the pedigree and AKC number - please tell us also the call name and last name of the dog on the consent form →

A copy of any relevant diagnostic pathology report →

A copy of relevant recent (last three months) clinical history and treatment protocols →

A copy of any planned cancer treatment protocols to be administered to the patient →

A signed copy of the study consent form that can be downloaded from www.BreenLab.org →