

BREENLAB CANINE CANCER STUDY
Procedures for Enrollment

SAMPLES ARE NEEDED FROM THE FOLLOWING BREEDS:

Australian Shepherd Beagle Bernese Mountain Dog Border collie Borzoi Boxer Briard Bullmastiff Cocker Spaniel	Dachshund Flat-coated retriever German Shepherd Golden retriever Greyhound Irish Setter Labrador retriever Leonberger Mastiff Old English Sheepdog	Poodle (all types) Portuguese Water Dog Rottweiler Saluki Scottish Terrier Shetland Sheep Dog Viszla West Highland White Terrier Wirehaired Fox Terrier
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Types of samples required:

1) Cancer free seniors – blood samples

Please send 2-5ml of EDTA (lilac-top) blood from dogs considered 'seniors' for each breed and which have no cancer history.

2) Tumor bearing dogs – blood and tumor samples (& urine from bladder/prostate cancer patients)

Samples are requested from the following cancer types:

Lymphoma	Bladder cancer	Prostate cancer
Hemangiosarcoma	Melanoma	
Osteosarcoma	Mast cell tumors	

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,
1060 William Moore Drive,
Raleigh, NC 27607

PHONE: 919-513-1466

Thank you for helping us to help our dogs

Sample Submission Instructions

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

➤ Biological specimens required

BLADDER/PROSTATE CANCER ONLY

- | | | |
|---|---|--|
| 5-10mls of free catch urine in a suitable screwcap, leakproof container → | → | Check list
<input type="checkbox"/> |
| 2-10ml blood sample (optional) → | → | <input type="checkbox"/> |
- Please keep urine (and blood if taken) cold and ship overnight in a well insulated box with a cold pack.

ALL OTHER TUMOR TYPES

Please keep blood and tumor samples cold (not frozen) until able to ship and then ship overnight in a well insulated box containing a cool pack.

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|---|---|--------------------------|
| 2-10mls of blood in EDTA tubes (lilac top) → | → | <input type="checkbox"/> |
| Clean, representative, blueberry-size tumor biopsy sample (or at least 2 tructs, 14 gauge) in a sterile empty tube (do not add saline to this tube) → | → | <input type="checkbox"/> |
| Clean, representative, blueberry-size tumor biopsy sample (or at least 2 tructs, 14 gauge) in 10% formalin → | → | <input type="checkbox"/> |

➤ Submission instructions for ALL samples

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|--|---|--|
| Please ensure these samples are placed in the correct clinical specimen collection container and each is sealed well to prevent leakage → | → | Check list
<input type="checkbox"/> |
| Please ensure that each sample tube is labeled with the dog's first and last name, breed, the date of collection and the tissue type submitted → | → | <input type="checkbox"/> |
| For safety, please ensure that the shipment packaging complies with the regulations of the carrier used → | → | <input type="checkbox"/> |

• Paperwork required

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|--|---|--------------------------|
| A copy of the pedigree and AKC number (if available)- please tell us also the call name and last name of the dog on the consent form → | → | <input type="checkbox"/> |
| A copy of any relevant diagnostic pathology report → | → | <input type="checkbox"/> |
| A copy of relevant recent clinical history and treatment protocols → | → | <input type="checkbox"/> |
| A copy of any planned cancer treatment protocols to be administered to the patient → | → | <input type="checkbox"/> |
| A signed copy of the study consent form downloaded from www.BreenLab.org → | → | <input type="checkbox"/> |