

# Modiano Lab Samples Wish List

## Breeds:

Australian Shepherd  
Bernese Mountain Dog  
Border Collie  
Boxer  
Briard  
Bullmastiff  
Cocker Spaniel  
Flat-Coated Retriever  
German Shepherd  
Golden Retriever  
Greyhound  
Irish Setter  
Labrador Retriever  
Mastiff  
Poodle  
Portuguese Water Dog  
Rottweiler  
Saluki  
Viszla

## Lymphoma

### Samples

- 1) Ideal: any naïve nodal non-Hodgkin sample from breeds at left, plus blood.
  - a. clean, representative, blueberry-size tumor biopsy sample (or at least 2 tru-cuts, 14-gauge) in lymphoma transport medium (cold, not frozen)
  - b. blueberry-size tumor biopsy sample (or at least 2 tru-cuts) in 10% formalin (for histopath)
  - c. 5-10 ml blood in EDTA purple top tubes

2) Blood-only samples can go directly to our collaborators at:

**The Broad Institute:** <http://www.broadinstitute.org/science/projects/mammals-models/dog/disease-research/sending-samples>

## Osteosarcoma

### Samples

- 1) Ideal: any sample of appendicular (limb), untreated bone cancer from breeds at left, plus blood.
  - a. clean, representative tumor biopsy sample (not whole limb) in osteosarcoma transport medium (cold, not frozen)
  - b. Tumor biopsy sample in 10% formalin (for histopath)
  - c. 5-10 ml blood in EDTA purple top tubes

2) Blood-only samples can go directly to our collaborators at:

**The Broad Institute:** <http://www.broadinstitute.org/science/projects/mammals-models/dog/disease-research/sending-samples>

## Hemangiosarcoma

### Samples

- 1) Ideal only samples from breeds at left: fresh tumor from biopsy or surgery, plus blood.
  - a. clean, representative, grape-size tumor biopsy sample in hemangiosarcoma transport medium (cold, not frozen)
  - b. blueberry-size tumor biopsy sample in 10% formalin (for histopath)
  - c. 5-10 ml blood in EDTA purple top tubes

2) Blood-only samples can go directly to our collaborators at:

**The Broad Institute:** <http://www.broadinstitute.org/science/projects/mammals-models/dog/disease-research/sending-samples>

**\*\* Call Mitzi at the Modiano Lab (612-626-6890) 24 hours in advance of sending a sample (and for tumor sample collection supplies).**