

SCOTTISH DEERHOUND OSTEOSARCOMA SAMPLES

Samples requested

Osteosarcomas from Scottish Deerhounds in RNAlater

Study outline

We are studying the genetic abnormalities in OSA of the SD, working towards a better understanding of the underlying genetic cause of the disease.

We have been studying the germline DNA of these dogs, however, as we are advancing toward evaluating individual genes, the use of the translated gene product, messenger RNA, is a much more efficient and accurate method of evaluating changes in these genes.

Sample submission

We would be interested to receive samples from cases to include into this study.

We recommend that sample submission is dealt with **by the referring veterinarian**.

Please call or email in advance to advise of your intent to submit samples so that we can send the sample collection media in advance. RNA is extremely fragile, and degrades rapidly unless in the RNA preserving solution.

Sample collection and shipping

For each case we require the following, collected **as aseptically as possible**.

- 1) Representative, non-necrotic pieces of the tumor (preferably at least 1cm³ or equivalent) in the following:
- 2) **RNA stabilization solution (tumor tissue must first be dissected into small fragments—no more than 0.5cm in diameter)**
- 3) Formalin (*in a leakproof container*) (if possible)
- 4) 2-5 ml EDTA blood (if possible)
- 5) Basic patient information and clinical history relating to this tumor
- 6) Any associated pathology reports
- 7) Completed owner's consent form (to be supplied on request)-only required for biopsy samples, not for surgical samples or samples collected at euthanasia.

Samples should be packed securely and shipped by regular mail to the address below. RNAlater keeps samples stable at room temperature, so no special handling is required.

Contact details

Shipping Address:

Dr. Marlene Hauck
Room 318-C Research Building
College of Veterinary Medicine
4700 Hillsborough Street
Raleigh, NC 27606 USA
Ph: 919-513-8276 or 919-513-8274

Questions:

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Questions:

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