

Please send your check payable to **ADCA** along with your sample, **Stamped, self addressed envelope**, and application to:

Pam Malcuit  
17087 Dixie Farms Lane  
Iola, TX 77861

*(Charges for chondro test for non-members of ADCA will be different. Please contact Pam Malcuit.)*

The packets will be hand carried to A&M for processing.

One stamp will cover 4 pages; remembering you will get 2 sheets for each test, please put the appropriate postage on your self-addressed envelope.

The results will be mailed to you in duplicate (with official stamp) and you, the owner, will be responsible for mailing one official copy to the ADCA - if desired - and keeping one copy for your records.

### **DIRECTIONS FOR DNA HAIR SAMPLES**

**DNA material is contained in the root bulbs (follicles) of the hairs. Correct hair collection and avoidance of contamination are critically important. Carefully follow these steps when collecting and sending hair samples.**

- 1. Use a separate envelope (or sealable plastic bag) for the sample from each animal to be tested. BEFORE collecting the samples, label each bag with the complete name of the animal, its tattoo or identification number, and your name.**
- 2. Thoroughly wash your hands and the scissors, pliers, etc., that you will be using. Have a roll of paper towels ready near your sample bags.**
- 3. Use clean (no manure) coarse hairs from the switch of the tail for your sample. Pull hairs from the switch using a sharp, jerking motion (use sterilized pliers or a hemostat) and make sure that the roots are attached to most of them. It is best to pull about 10-15 hairs at a time, so you will need several pulls to obtain the 30-50 hairs required for a sample. Collect them on a fresh paper towel, aligning the root ends as you lay them down.**
- 4. Using scotch tape, tape the hairs into a bundle - about 4 inches from the root ends. Then using your clean scissors, trim the excess ends off and dispose of them - being sure to keep the root ends.**
- 5. Place the bundle of root ends/hairs into your envelope, gently press out most of the air, and seal the bag.**
- 6. Thoroughly wash and dry your hands (or use antibacterial handwash) and the scissors + pliers + hemostat (possibly using rubbing alcohol on the instruments) between taking samples from different animals. also use a fresh paper towel for each sample. This is important so that you don't contaminate each sample with DNA from the previous sample.**

For Lab Use Only

## Hair Sample Envelope

Breed/Species \_\_\_\_\_

*Sample enclosed is from the Animal Identified as:*

Name: \_\_\_\_\_ Sex: M \_\_\_ F \_\_\_

Registration Number: \_\_\_\_\_ Tattoo or Tag: \_\_\_\_\_

Name of Owner: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

***Completed Application Form MUST accompany this sample!***

American Dexter Cattle Association

**Chondrodysplasia Test**

Texas A&M University

Owner Name \_\_\_\_\_

Dr. E. Gus Cothran Lab CVM, VIBS

Farm/Ranch \_\_\_\_\_

(979) 845-0229

Address \_\_\_\_\_

Phone \_\_\_\_\_

\_\_\_\_\_

Email \_\_\_\_\_

**Breed: Dexter Cattle**

Name of Animal to be Tested	Registration Number	Tattoo or Perm. ID	Sex	Sire Name and Registration Number	Dam Name and Registration Number

**Payment must accompany this application. Make check in the amount of \$35 (per animal) payable to ADCA.**

**Acknowledgement:** I hereby certify that the animal listed above was identified at the time of sample collection with its certificate of registration. If the certificate of registration was not available or pending, the animal was positively identified by its tattoo or permanent ID number on this form. I further certify that I understand that the results of this test will be mailed to me, and I am responsible for sending a certified result to the ADCA.

\_\_\_\_\_ Date \_\_\_\_\_

Signature of Recorded Owner or Authorized Representative