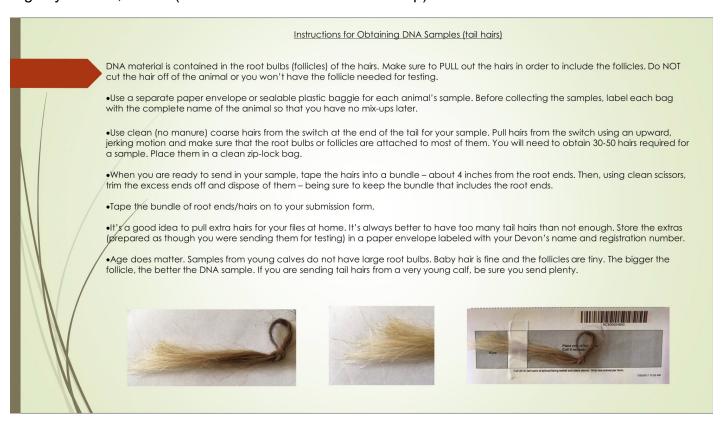
Over the years, as a Devon breeder, I have been asked many, many times about the DNA testing and registration process. As our group grows, new breeders join us, and changes are made in the protocols, I felt like maybe it was time to put together a little101on the subject.

## **DNA Testing/Registration 101**

The first step in the process for registering a new calf is the DNA testing to confirm the sire. (Instructions found below). The RDUSA protocols state that the calf must be sire verified. This is done by pulling tail hairs and sending them in to the Veterinary Genetics Lab at UC Davis. You will receive a DNA profile number for that calf which will then need to be put in the permanent record at the registry service, CLRC (Canadian Livestock Records Corp).



There are two ways to obtain the DNA submission form. The first is to print out the "Request for Genetic Marker Kit" form from the CLRC website, fill it out and send it back to them. They will then mail or email you the submission form that you will attach the tail hairs to.

The second way is to set up your own account at the VGL at UC Davis. This saves time in that you can immediately complete the submission forms online, print them out, attach the tail hairs and mail them directly to the lab.

## VGL at UC Davis Account Set-up and Usage

- Go to the <u>www.vgl.ucdavis.edu</u> homepage and click "login".
- Click "create an account"
- Enter your information to begin
- When ready to submit DNA samples go to "order tests", then "cattle tests"
- Complete one form for each animal being tested. \*The name that you give the calf should be in compliance with the RDUSA protocols.
- After entering the calf information, scroll down and select "Parent Verification", then "verify sire to this animal" and add the information requested. \*You will need the Name, Registration number and DNA profile number for each sire that you are testing against.
- Check the "agree to terms" box and then "save test"
- You have the option to pay online or to send payment with sample and receiving results via email or snail mail
- Attach the tail hairs to the form, place the folded form in an envelope and seal.
- Mail to the VGL at UC Davis

After you receive your DNA results you are ready to register the calf. You will need to print out the "Application for Registration" form from the CLRC website. This form will need to be completed for every animal you wish to register.

## Instructions on Obtaining Registration Papers

- Go to <a href="http://www.clrc.ca">http://www.clrc.ca</a>
- On the left side bar, click "Associations"
- "Listing of Associations"
- · "Cattle"
- "Red Devon USA"
- Under "Printables", select "Registration Application"
- Print this form out, complete and return it to CLRC along with the DNA test
  result form received from VGL. \*The name on this form must match the
  name on the DNA test result form.

## Information Needed to Complete Registration Application

- Name of animal (must include farm name or herd code)
- Date of Birth, Sex, Horn Status, Tag Number and Tattoo (must include herd code)
- Sire and Dam name and registration number
- Breeder name, Member ID number and Your Signature
- Be sure to include DNA test result form

The process may seem complicated at first, but will come more easily after doing it a time or two. And with all the paperwork taken care of, you can set your mind to raising the best Devon cattle around!

Blessings, Lavonne Hickl Fourche River Farm & Cattle Harvey, AR