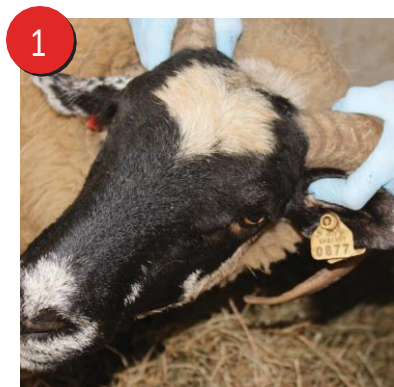




## SHEEP & GOAT HAIR SAMPLE COLLECTION INSTRUCTIONS

First, be sure to fill out the VBSANA DNA application and send in with your work order and payment to Associated Registry ([www.associatedregistry.com](http://www.associatedregistry.com)). UC Davis will send you (via email) a form for each sheep for which you filled out a paid DNA application. Then, follow the steps below to submit your DNA sample.



**1** Check the ear tag number of the animal and record it on the hair sample envelope.

Clean the sample area to remove dirt or other contaminants.



**2** Use bent nose, long nose, or needle nose pliers to collect the sample.



**3** Pull a tuft of hair from the leg, just above the toes either from the front of foot or heel. Pull the hair directly away from the skin, **NOT** at an angle. This will allow the root to come out with the hair. Take at least three pulls.



**4** Inspect the hair sample to ensure at least 40 hair follicles or roots are in the sample. The roots are more difficult to see in sheep: you may notice a color variation which indicates that the root is intact.

**NOTE: Do NOT cut the hair from the animal. The hair MUST CONTAIN ROOTS for DNA testing. Avoid touching the roots and make sure the hair is dry.**



**5** Place the sample in the hair sample envelope, and then seal the envelope. Do not put hairs in a plastic bag. Place the sample envelope and the UC Davis form in a #10 envelope and mail to UC Davis.



**6** Fill out the remaining information on the envelope per the UC Davis instructions.



**7** **REMEMBER:** Cleanse hands and pliers between animal samples to ensure that hairs from different animals are not mixed.



### SHEEP SAMPLE CHECKLIST

- ✓ Select collection area — we suggest above toes
- ✓ Record ear tag number on the envelope
- ✓ Obtain at least 40 hairs with follicles
- ✓ Take at least 3 pulls
- ✓ Inspect for follicles — do not touch follicles
- ✓ Seal envelope and mail according to instructions
- ✓ Clean pliers and hands between animals