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). 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.

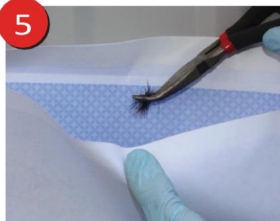Clean the sample area to remove dirt or other contaminants.

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.

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 diferent animals are not mixed.

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.

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