

INSTRUCTIONS
TO OBTAIN EQUINE HAIR FOR DNA TYPING
at the Texas A&M University in Houston, TX with Dr. E. Gus Cothran

ITEMS YOU WILL NEED

CLEAN HANDS MANE COMB PROPER FORMS (enclosed)
SMALL MANILA or Letter size ENVELOPES = to # of samples,
and mail in ONE LARGE MANILA ENVELOPE

SAMPLES WILL BE OF THE ROOT ENDS FROM THE PONY'S MANE

1. Wash and dry hands well.
2. Wash and dry mane comb well.
3. Comb mane of horse being sampled to remove foreign material from mane.
4. PULL (do not cut) 20 to 30 mane hairs by wrapping hairs around forefinger. Grasp hair close to horses' body. If you look closely at the ends, you will see the root bulbs on the hairs.
5. Tape the mane hair with root ends on the marked area of the **INDIVIDUAL HORSE IDENTIFICATION FORM (ID Form)**. **DO NOT PUT TAPE ON THE ROOTS.**
6. Place sample and ID form in a separate letter size envelope to protect it from contamination by other samples.
7. If sampling multi-horses, wash hands between each horse OR put on surgical gloves and discard for new between each horse. This will reduce risk of cross contamination of DNA samples between horses.
8. Place each envelope or group of envelopes in a larger, single envelope and mail to:

Dr. Gus Cothran

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RE: DNA samples NEWFOUNDLAND STUDY

Courtesy of Equus Survival Trust

Thank you for participating in this study. You should expect to have results in 2-3 weeks.