

Hair Sample Collection Preparation

The collection of hair samples should be undertaken by a competent individual within a secure, contamination-free facility. Ideally, the collector should wear gloves when handling hair.

Collection Supplies

- TVMDL submission form or chain of custody form
- Disposable gloves
- Collection envelope or plastic bag
- Security seal

Please include the following on the TVMDL submission form:

- Name of horse
- Date of collection
- Name of collector
- Site of collection (mane preferred)

Collecting the Sample

1. Wearing disposable gloves, pull strands of hair, ensuring to keep the root/follicle intact, until the total amount of hair collected is approximately 1 cm in diameter (i.e., as wide as a pencil). Note: hair can be pulled from different locations along the mane.

2. If collecting multiple samples, use new disposable gloves each time. Wash hands between each collection if gloves are not worn.

3. After collection, place sample in foil, rubber band, or paper strip secured with a paper clip. Clearly label the root end. Do not use any kind of tape on sample.

4. Place foil and sample in a plastic bag or envelope. Tape seal of bag or envelope to maintain chain of custody.

After Collection

Do not store sample in:

- Refrigerator or freezer
- Direct sunlight

Hair samples that are wet on submission **MUST** be dried before storage and analysis.

For more information on submitting equine hair samples, visit tvmdl.tamu.edu.

