

**NON-INVASIVE SAMPLING  
Fecal Collection Protocol**

Great care should be exercised in the collection of fecal samples to ensure that contamination is minimized!

1. Wear laboratory gloves at all times during the collection.
2. Sterilize instruments between sample collection, either by washing with ethanol or flaming and cooling.

Collection

3. Place a 10 ml segment of fecal sample in the provided 50 ml FALCON® tubes containing 20 ml of silica beads. Top FALCON® tube with an additional 20 ml of silica beads. (There should be a ratio of 4:1 silica beads:sample by weight.) Please ensure that all samples are securely sealed and keep fecal samples away from direct sunlight.
4. Please provide 4 such falcon tubes per individual animal if possible.
5. Label each tube with field ID and collector name. On data sheet, refer to field ID and include pertinent information about sample.
6. Please send samples as soon as possible to the lab at NWRC:

National Wildlife Research Center  
Attn: Toni Piaggio or Melissa Neubaum  
4101 LaPorte Ave.  
Ft. Collins Co 80521-2154  
970-266-6142

**SAMPLE COLLECTION DATA SHEET**

Date: \_\_\_\_\_ Sample Collected By: \_\_\_\_\_ Field ID: \_\_\_\_\_

Locality Information (i.e., UTM, Lat/Long, location description): \_\_\_\_\_  
\_\_\_\_\_

Sample type (i.e., blood, tissue, hair): \_\_\_\_\_ Species: \_\_\_\_\_ Sex: \_\_\_\_\_ Age: \_\_\_\_\_

Any other important information about individual (i.e. pack, condition of animal): \_\_\_\_\_  
\_\_\_\_\_

What would you like the genetics lab to do (i.e. species ID, individual ID, relatedness to other animals, genotype for database, detection of hybrid, etc.)? \_\_\_\_\_  
\_\_\_\_\_

Additional Notes: \_\_\_\_\_

**\*\*Please label sample with field ID and collector name\*\***