

North American Bison Registry: DNA Testing Instructions

Steps for Bison DNA Test Submissions:

If you are collecting skin samples via DNA dart, please contact the NBA staff (303-292-2833) directly before collecting or shipping samples.

Step 1

Get the process started! Request a submission form by emailing info@bisoncentral.com, complete information and email back once animal data is gathered.

Step 2

Collect the samples. Collect 20+ tail hairs per sample, store in a paper envelope, and label accordingly.

- Thoroughly wash and dry your hands.
- Pull (DO NOT CUT) 20-40 tail hairs by wrapping hairs around forefinger or gripping with pliers. At least 20 good hair roots are needed to perform testing.
- Grasp hair close to the animal's body to insure roots are included. Pull straight toward your body. Visually check that roots are attached to hair. DO NOT TOUCH ROOT BULBS.
- Tape hair to a page as shown, fold page, place in envelope. Please include owner, bison tag id etc. and known sire information on envelope or page.
- Only use paper for storing samples. Do not save samples in plastic, as it will deteriorate the samples over time.

Owner
Name:
Address:

Parent Information
SIRE
Name:
Registration:
DAM
Name:
Registration:

Bison being tested
Name:
Registration:
Microchip:
Color:
Date of Birth: Sex:
Breed:

----- First fold (Fold back. Do not cut, tape, or staple) -----

Place Roots Here Tape Here Place rest of hair here. Coil if necessary.

Step 3

Confirm the submissions. Send submission form to info@bisoncentral.com so the number of tests and services can be calculated. An invoice will be emailed to you based on the submitted information.

Step 4

Pay for your selected tests. Full payment is required prior to submission of samples.

Step 5

Mail in samples. You will be provided a mailing address by NBA staff once invoicing/payment is completed.

Step 6

Receive results. Turnaround on testing is 6 – 8 weeks depending on availability, and results are emailed directly to the owner by UC Davis Lab.