



# YOUTH LIVESTOCK EXPO DNA COLLECTION INSTRUCTIONS

VERIFY THAT THE ID OF THE ANIMAL MATCHES THE ID WRITTEN ON THE HAIR SAMPLE SUBMITTED.

## How to pull DNA?

- Must have 40 hairs with root follicles attached.
- Use pliers or fingers to grasp hair close to the skin and pull.
- Do not cut the hair. The root contains the DNA for testing. THE SAMPLE MUST INCLUDE THE ROOT
- Place the 40 hairs with root follicles attached in envelope and seal with complete animal ID documented on the envelope.

## Swine

- Market barrows and crossbred gilts must be identified by a Federal 840 Tag number and ear notch.
- Official ID must start with 840 and must have the US shield on them.
- For DNA collection, pull hair sample from between toes, body, inside ear, or tail area



## Cattle

- Steers must be identified by a Federal 840 tag number.
- Official ID must start with 840 and must have the US shield on them.
- For DNA collection, pull hair sample from the switch of the tail, neck or poll.



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**Sheep & Goats** Sheep and goats must be identified by a scrapies ID number. Entries ID number including State ID and herd number is required.

## Sheep

- For DNA Collection, pull hair sample from hoof or body



## Goats

- For DNA collection, pull hair sample from hoof, tail, or neck area.

