

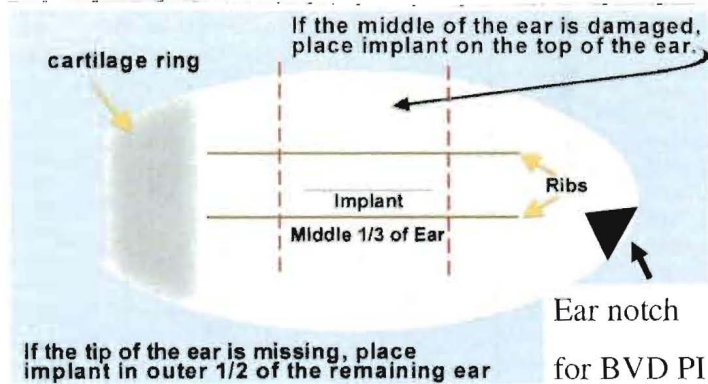
BVD PI Testing with Ear Notching

For determining if calves are persistently infected with *Bovine Viral Diarrhea Virus*.

Recommend using a medium ear notcher with v-shaped die, 1/2" such as the Nasco #C00024N.

- 1) Use a small snack sized or sandwich sized plastic bags with a zip seal.
- 2) Identify the bag using a permanent marker with the animal ID or reference number.
- 3) Trim long ear hair with scissors prior to notching. This will make handling easier.
- 4) Follow the directions listed below for notching. Place the ear notch into the appropriate labeled bag.
- 5) Disinfect notcher between uses. Recommended disinfection method is to use diluted Nolvasan (3 ounces in 1 gallon of water). Have two containers for keeping the notcher clean and disinfected, one with plain water and one with the disinfectant. Pre-rinse ear notchers in plain water bucket, than soak in the disinfectant bucket. This should be done after each use, between animals. Discard water when it becomes dirty.
- 6) Place sample on ice to cool. Place in refrigerator if unable to submit to the lab that day. **DO NOT PLACE SAMPLE IN FORMALIN!**
- 7) Complete the LDDC accession sheet (can be found at: <http://www.lddc.uky.edu> , this is a two-page accession sheet. Select BVD-PI (ear notch/serum).

If sending in a large group of ear notches, please notify the virology laboratory at 859-253-0571.



Follow the 2 ear ribs out; trim hair with scissors
Biopsy with 1/2" v-shape ear notcher
Use Nolvasan diluted disinfectant between calves



Clip hair

Ear notch

Disinfect