BVD Skin Biopsy Sampling Kit Instructions

Materials and Equipment Needed:

1. Ear Notching tool that yields a 1cm/side notch: (Recommend purchasing two or more tools for cleaning and disinfection process).
2. Red Top blood tube: The preferred tube is a 7ml draw, 16mm x 75mm
3. Shipping container rack that holds individual tubes in slots.
4. Sample log sheet
5. Disinfectant for rinsing notching tool: 10% bleach (eg.100ml bleach in 900ml water).
6. Clean rinse water: 3-5 gallon bucket. Change bucket water every 20-30 notches.
7. Use disposable gloves and wear clean coveralls.

Collection Procedure:

1. Label Red Top collection tubes with the sequence number (#1 through number in submission). Record corresponding animal ID on log sheet.
2. Dip notching tool in disinfectant. Then **ALWAYS** rinse away disinfectant with copious quantities of clean water. *Caution: Residual disinfectant on the notching tool will yield false negative results, therefore thorough rinsing with clean water is required!!*
3. Take a proper size ear notch from a clean portion of the ear (figure-1). For comparison, a triangle notch size is superimposed on a nickel. Place notch into a labeled, dry, red top collection tube (no formalin, other liquid or separator gel; do not use snap-cap milk tubes or whirl-pac bags).
4. **Caution:** Do not vaccinate or tattoo at the same time samples are taken. Collected ear notch **MUST** be free of contaminating dirt, feces, tattoo ink or BVD vaccine.
5. Store collected ear notches for a maximum of 72 hours at refrigerator temperatures and ship overnight to PDS. If shipment has to be delayed, samples can be frozen.
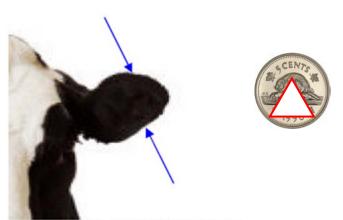

Figure1: Best location for taking ear notch

BVD Biopsy Sample Log Sheet

Clinic Name:		
Vial #	**Owner ID**	**Animal ID**

Send to: Prairie Diagnostic Services - 52 Campus Drive, Saskatoon, Saskatchewan S7N 5B4