1. Screw the Vacutainer needle onto the needle holder.

2. Insert the Vacutainer tube into the other end of the needle holder. Do not puncture the stopper. Hold these assembled materials in one hand.

3. Lift the cow’s tail with the other hand.

4. Insert the needle about 1/2 inch deep and perpendicular to the tail at the underside, midline and at about 3 to 6 inches from the base of the tail.

5. Blood will appear once the vein is punctured. If it does not appear, pull the needle out slightly and reinsert.

6. Once blood is observed, push the tube onto the needle, maintaining the vacuum.

7. Collect 2 cc or more of blood.

8. Withdraw the needle from the skin and remove the tube from the tube holder.

9. Sequentially label the sample vials with the visual cow ID using a permanent marker on the vial label.

10. Place the tube in a refrigerator until shipment.

11. Completely fill out the BioPRYN Pregnancy Test Sample Submission Form.

12. Return samples and submission form to the lab in a box, wrapped in absorbant material in a plastic bag and follow shipping instructions.