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PO Box 876
1795 Rd PP
Sublette, KS 67877

620-675-8640
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Blood Pregnancy and BVD-PI Testing

Animals must be >60 days post calving and >28 days post breeding for blood pregnancy testing.

Blood Pregnancy Test (6+ head)	\$4.00
Blood Pregnancy Test (5 or less head)	\$6.00
Supplies (syringe, needle and vial)	\$0.50
Ear Notch BVD-PI Test	\$3.15
Vial for notch sample	\$0.10
Blood BVD-PI Test	\$3.50
Combination Blood Pregnancy and Blood BVD-PI Test	\$6.00

Packaging and Shipping Blood Samples

1. If shipping samples US Postal Service, send samples to PO Box 876 Sublette, KS 67877. If shipping UPS or FedEx, send samples to 1795 Rd PP Sublette, KS 67877.
2. It is preferable that blood samples be cooled to room temperature and allowed to clot before shipping. Do not agitate the samples and do not place them immediately into refrigeration as this may cause hemolysis (breaking of cells) and render the sample unusable.
3. Samples should be shipped with ice packs to keep cool in a well-insulated shipping container. Enclose the ice pack in a bag to prevent leakage.
4. Tubes should be kept in their original box if possible, or wrapped in a manner that will prevent breakage - such as bubble wrap - and then placed inside a sealable bag to prevent leaks. This bag, along with the ice pack(s) in a separate bag, should be placed inside a sturdy box and padded so that there is no movement of the items inside. The box should be carefully sealed with packing tape.

Packaging and Shipping Ear Notch Samples for BVD-PI Testing

1. Take a full sized ear notch sample and place in fluid of properly identified vial. Ensure the notch is down in the extraction fluid.
2. Once sample is taken, keep samples refrigerated if shipping that day, otherwise freeze the samples.
3. Ship in a well-insulated shipping container with ice packs, have ice packs enclosed in a bag.

Test results are only as good as sample quality.

Sampling Instructions for Blood Pregnancy Test

To test the blood, the animal must be >60 days post calving and >28 days post breeding.

Blood samples (minimum of 2cc of blood) can be collected from either a jugular venipuncture or "tail vein" venipuncture and placed into a Red Top Vacutainer. It is important to draw the blood samples gently and also gently place the sample into the Vacutainer. Forcing the sample into the Vacutainer can cause hemolysis (breakage) of red blood cells.

Jugular Bleeding (minimum of 2cc's needed)

- Label the vial with corresponding animal ID number. Restrain the animal with the head elevated and pulled to the right or left to expose jugular groove on either side. A halter can be used to pull the animals head to the right or left to gain better control of the head and better access to the jugular groove.
- The jugular groove is a depression in the lower third of the neck that extends from the head to near the shoulder. Applying pressure in this groove, closer to the shoulder, will cause the jugular vein to fill with blood and raise above the point at which you have applied pressure, allowing visual access to the vein.
- Insert the needle through the skin and into the vessel at about a 20° angle with the needle pointing towards the body and withdraw the blood sample.
- Remove the needle and apply pressure to stop the bleeding.

Tail Bleeding

- Label the vial with the corresponding animal ID number.
- Restrain the animal to prevent it from moving away during the procedure.
- Raise the tail vertically with one hand until it is horizontal with the ground and wipe the underside of the tail to remove any manure present.
- Approximately 150mm (6in) from the base of the tail, locate the groove laying in the midline underside of the tail.
- Midway along the body of a tail vertebra, insert a 16-20 gauge needle (attached to a 3-6cc syringe) perpendicularly to the surface of the skin to a depth of a few millimeters and withdraw the blood sample.
- Apply pressure to the site to stop bleeding.

If unsure about sampling techniques, please contact your consulting veterinarian.

Sampling Instructions for BVD-PI Test

Preparation

1. Use ear notchers provided by Central States Testing as the notch size to fluid ratio is important.
2. Prepare three clean vessels. Fill two of them with clean water. Fill the third vessel with properly diluted Nolvasan solution or any disinfectant.
3. Make sure tubes are properly numbered.

Testing Technique

1. Take a full notch from the top portion of the tip of the ear.
2. Place the notch in the sample tube. Make sure that the notch is submerged in the fluid in the sample tube.
3. Dip notcher in one of the water vessels (to rinse off hair), then in the diluted disinfectant vessel (to disinfect) and then in the other water vessel (to rinse off excess disinfectant).
4. Check frequently to be sure that the appropriate animal ID is associated with the appropriate sample tube.
5. Refrigerate samples as soon as possible or immediately deliver them to Central States Testing.
6. Make sure lab forms are filled out correctly.

Results

1. Central States Testing will notify you of any positive results.
2. Positive animals should be removed from the pen as soon as possible.
3. Take a new sample 14 days after the original for follow up testing.
4. It would be inappropriate, unethical, and in some state illegal, to sell a positive animal on the open market unless seller notifies potential buyer(s) of PI status.