



120 Industrial Park Lane  
Celina, TN 38551  
931.243.2400  
[Crystal.West@pmibio.com](mailto:Crystal.West@pmibio.com)  
[Andrew.Denny@pmibio.com](mailto:Andrew.Denny@pmibio.com)

The BioPRYN and CAE/OPP tests at PMI BioPharma Solutions, LLC. are the same price if you supply the “red top” vials or if we supply them. If you need the vials, along with our preferred sample collection method of syringes and needles, please call us and we will be happy to make arrangements to ship them to you with only the shipping charge being added to your invoice.

### **Juglar Bleeding – Suggested for Sheep and Goats: 2 ml minimum of blood required for testing**

- Restrain the animal with the head pulled up and 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 1/3rd of the neck that extends from the head to near the shoulder.
- Apply pressure in this groove closer to the shoulder which will cause the jugular vein to fill with blood and raise up higher than the point at which you have applied pressure, allowing you to clearly see the vein.
- Insert the needle through the skin and into the vein at about a 20 degree angle with the needle pointing towards the head and withdraw the blood sample.
- Remove the needle and apply pressure to stop the bleeding.
- Label the tube with the sequence number and the animal identification.
- If OPP/CAE tests are requested, place the tube in an ice rack or refrigerator after it has cooled to room temperature (72-74 degrees) and ship with an ice pack. Samples should be tested no later than 2 weeks from the collection date.
- BioPRYN pregnancy test samples are good for 30 days after the collection date. If holding prior to shipping please place in refrigeration **once they have reached room temperature**. Do not place immediately in refrigeration as this can cause the blood to separate creating an unusable sample.
- Discard each needle and syringe properly.
- Use a new needle and syringe for each sample.
- Include a filled out submission form along with payment in the package and ship as outlined on the reverse of this page.

## **Shipping Instructions for Livestock Blood Samples**

- For BioPRYN Pregnancy testing, it is preferred that blood samples be cooled to room temperature (about 72-74 degrees) prior to shipping. Do not shake the samples and do not put them immediately into refrigeration as this may cause the cells to breakdown and make the sample unusable. Refrigeration is not required for shipping of samples for BioPRYN testing.
- For OPP/CAE tests, refrigeration is required once they have been cooled to room temperature and they should be shipped with an ice pack. Dry ice is not required.
- Tubes can be bundled together with rubber bands but not more than 10 plastic tubes or 6 glass tubes should be bundled together.
- Wrap the tubes in a way that will prevent breakage – such as bubble wrap – and then place them inside a sealable, “zip lock” type bag to prevent leaks.
- Wrap the bags with newspaper or paper towels to absorb any fluids should a tube break.
- Place inside a sturdy box with extra padding around them, or for small quantities, a padded envelope may do. Pad so as to make sure there is NO movement of the items inside.
- Enclose the submission form with payment. Remember no samples will be processed without payment.
- A box should be carefully sealed with packing tape. A padded envelope may need packing tape if the seal is not tight.
- **DO NOT WRITE BIOHAZARD on the outside of the box.**
- Write **Exempt Animal Specimen** on the outside of the box.
- Address the box to PMI BioPharma Solutions, LLC. - 120 Industrial Park Lane, Celina, TN 38551
- Any carrier you choose, USPS, Fed Ex or UPS, is fine for shipping the samples.