

Instructions For Sample Submission

AgriGenomics is only accepting samples of blood or semen at this time.

Current tests are: Tibial Hemimelia (TH); Pulmonary Hypoplasia with Anasarca (PHA); Black/Red Coat Color (CC); Dilution (DL); Idiopathic Epilepsy (IE); Arthrogyposis Multiplex (AM); and Neuropathic Hydrocephalus (NH)

******PAYMENT MUST ACCOMPANY SAMPLES FOR SAMPLES TO BE PROCESSED******

Blood samples:

- Collect at least 2cc of whole blood (not serum) in an **EDTA purple top tube**. An anticoagulant is used in the purple top tubes to keep the blood from clotting. If sent in any other type of tube the sample will NOT be processed.
- After collecting the blood, the tube must be mixed thoroughly by inverting 5-10 times. **Severely clotted blood samples received will NOT be processed and must be resubmitted.** If using a syringe to draw blood, transfer **IMMEDIATELY** to a purple top tube.
- It is also important that a new needle/syringe be used for each animal. The sensitivity of the test can detect very small quantities of contamination potentially producing invalid test results.
- Please label the blood tubes with the animal's permanent ID and/or registration # (if available). It's also extremely important that tubes are not mislabeled. If sending in more than one sample please, be very cautious and make sure to label tubes for the animal to which they belong.

Blood samples should be shipped within 48 hours of collection for best results.

Second day shipping via UPS, US Postal Service Priority Mail, Federal Express, or DHL are recommended. Samples that are collected a day prior to shipment should be kept in the **refrigerator prior to shipment.**

Hot Weather: When temperatures exceed 90°F for extended periods, please include a cold pack with the samples. **DO NOT FREEZE.**

Cold Weather: When temperatures are below 35°F, please pack the samples in an insulated container to avoid freezing.

Semen samples:

- Send at least one straw of thawed semen
- Semen straws should be protected from breakage during shipment by placing them in a semen cane or goblet and packaged in a padded envelope or small box.
- **Please refrain from shipping semen straws in standard sized mailing envelopes.** When processed by the US Postal Service, these samples are often crushed by the rollers in automated mail handling equipment.

Further Instructions:

Enclose all relevant information needed to process your request for testing and payment in a zip-lock bag to protect it from damage. Samples will NOT be processed until payment is received.

Information needed (a Sample Submission form is available):

Name, Address, Phone Number(s), Test(s) requested

Pricing:

FOR TH, PHA, and CC: \$25 each and an additional \$15 for a combination test. (TH & PHA or TH & CC or PHA & CC = \$40 ea TH/PHA/CC = \$55)

FOR DL and IE: \$20 per sample or \$30 per sample if testing for both DL and IE

FOR AM and NH: \$25 each and an additional \$10 for a combination test. (AM & NH = \$35)

FOR OS: \$20 each and an additional \$15 for an AM/OS or NH/OS Combo. (AM/OS or NH/OS = \$35 AM/NH/OS = \$50)

Ship samples and payment to:

AgriGenomics, Inc.
2399 N 1000 East Road
Mansfield, IL 61854

Written results will be provided on all samples tested. It is in your best interest to identify the samples as completely as possible for your future reference and use. If you have any questions, please contact us at (217) 762-9808 or email at agrigenomics@prairieinet.net.