

INSTRUCTIONS FOR SAMPLE SUBMISSION

Collect at least 2cc of whole blood (not serum) in EDTA (purple top) blood tubes OR send a single thawed straw of semen. Currently these are the only type of samples that will be processed.

An anticoagulant is used in the purple top tubes to keep the blood from clotting. 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.** 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.

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.

Please label the blood tubes with the animal's permanent ID and/or ASA Registration # (if available).

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. Although not required, a Sample Submission Form is available to assist you in documenting the samples.

Samples should arrive at the laboratory within 48 hours of collection for best results.

Second day shipping via UPS, US Postal Service Priority Mail, or Federal Express 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.

Enclose payment and all relevant contact information.

24 or fewer samples..... \$27 each
25 or more samples..... \$25 each

As of December 1, 2005 samples will not be processed until payment is received.

Please include all contact information such as name, address and phone numbers with your samples. A Sample Submission Form is available for assisting you to provide all your relevant information.

Ship the samples to:

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

RELEASE OF TH STATUS AND DNA SAMPLE TO ASA/IGENITY FOR DNA GENOTYPING/PARENTAL VERIFICATION

The ASA Genetic Defect Policy requires that all AI sires, ET donor dams and cloned animals must be DNA genotyped, parentally verified and genetic defect tested with results reported to the ASA by January 1, 2006, otherwise certificates for registering progeny will be withheld.

To facilitate compliance with the above stated policy, Owners will receive a **REQUEST FOR RELEASE** form with the written copy of all genetic defect testing results. This form must be completed and returned before samples submitted to AgriGenomcis for genetic defect testing can be released to ASA/Igenity for completion of the DNA genotyping/parental verification portion of the policy. No test results or samples will be released prior to the receipt of the completed form.

