

DNA Specimen Requirements

Preferred Specimen Requirements

Whole Blood (Livestock / Companion Animals)

Whole blood is recommended for all livestock & companion animals. Collect a minimum of 1 mL of whole blood in EDTA (purple top tube) or ACD (yellow top tube). For request requiring multiple genetic tests or DNA transfers, collect 3-5 mL. Heparin (green top tube) is strongly discouraged.

Whole Blood Shipping

1. Securely package the blood sample:
 - Make sure the blood sample is sealed and the cap is fastened.
 - Seal the blood sample in a plastic bio-hazard bag with folded paper towels and ice pack.
 - Place the bio-hazard bag into a small cardboard box.
 - Place the box in the shipping provider's box.
2. Complete the requisition form and put the form into the shipping box.
3. Attach a shipping label to the outside of the shipping box with the address listed below.

Frozen Tissue (Postmortem)

For postmortem animal specimens, please contact us for shipping and handling requirement.

Allflex Tissue Sample Units (Livestock)

Allflex TSU's are recommended for livestock. Allflex TSU units with tissue samples can be submitted and used according to manufactures instructions. For request requiring multiple genetic tests or DNA transfers, multiple tissue units per animal may be required.

Allflex TSU Shipping

- Allflex tubes can be shipped at room temperature in the Allflex collection boxes.

DNA (Livestock / Companion Animals)

Send in screw cap tube at least 5 µg of purified DNA at a concentration of at least 50 ng/ml ideally, minimum 2 µg for limited specimens. Indicate concentration and animal ID on tube label. For requests requiring multiple genetic tests or DNA transfers, send an additional 5 µg DNA if available.

DNA Shipping

- DNA should be in a securely fastened and sealed plastic tube on dry ice or an ice pack

Submit Samples to:

Agritech Genetics

670 E. 3900 S. STE. 202

Salt Lake City, UT 84107

PH: (385)-282-6335

Other Specimen (Not Accepted for Banking)

Saliva / Buccal Swabs

Saliva and buccal swabs do not typically meet the yield requirements for DNA Banking. Please send an inquiry if saliva or buccal swabs need to be sent.

Hair Follicles

Hair follicles typically do not meet the yield requirements for DNA banking. We do not accept hair as a DNA source for DNA banking. For additional questions, please contact us.