CANINE DNA TESTING
Instructions for Sampling & Testing at the University of Missouri

**Blood Sample** – Whole blood, not clotted – minimum sample is 2mls, ideal sample is 5-7mls in EDTA (purple-top) tube or tubes. DO NOT spin or extract serum – send whole, unclotted blood. **Samples less than 2mls and clotted samples will not be processed!** Refrigerate if the sample is being held for any time before shipping. Please do not hold samples more than 1 week before shipping, because the sample may not yield usable DNA if it is delayed longer.

*Label sample* with the following;  
call name - owner’s last name  
(If samples from several dogs are sent together, number samples and forms)

Complete the **Canine DNA Test Request form** on the next page, and include either a pedigree copy or registration certificate copy for the dog.  
**Include payment of $65 per test.** Payment must be check or money order, payable to “University of Missouri”, or credit card (Visa, MasterCard, or Discover) Please be certain cardholder name and all digits are legible. Payment must accompany sample!!  
Place the paperwork and payment in a ziplock bag, separate from the blood sample.

**BE CERTAIN TO INCLUDE A LEGIBLE EMAIL ADDRESS ON THE FORM!**

**Shipping** - Ideally the sample should be shipped immediately. If samples are held for a day or over a weekend, blood must be refrigerated. Ship via overnight or 2nd day delivery (US Mail, UPS, or FedEx) for arrival only Monday thru Friday. **Do not send on a Friday** - there will not be anyone to accept the delivery on a weekend, and the sample could be unusable by Monday. Pack in a small crush-proof (preferably insulated) container with one or more cool packs - it is important that blood samples be kept cool but not frozen. Be sure to protect the blood tubes from being crushed by the frozen cool pack – pad the tube(s) and fill empty space in the box with crushed newspaper, bubble wrap, or packing peanuts.

**The delivery address is:**  
Dr. Gary Johnson – Coton Testing  
320 Connaway Hall  
University of Missouri  
Columbia, MO 65211

(this IS a valid address, though some UPS shippers do not recognize it – if the UPS shipper cannot override the “error” message, use 201 Connaway Hall – we will get it!)

**If you need clarification,** or have any questions about any of these procedures, please contact Liz Hansen by email (HansenL@missouri.edu), phone (573-884-3712), or regular mail (321 Connaway Hall, University of Missouri, Columbia, MO 65211).

*Thank you!*
**CANINE DNA TEST REQUEST**

**Individual Dog Information**

**Sample:** Whole blood in EDTA tube: minimum 2mls – ideal is 5 to 7mls

- **Breed:** Coton de Tulear
- **Variety:** __________________________

**Registered Name:** ______________________
**Call name:** ______________________

**Reg#:** ________________  **Birth Date:** ________________  **Male / Female:** - - **Intact / Neutered**

**Sample Submission Date:** ________________  **Color:** __________________________

**Test Being Requested:** NCA – Neonatal Cerebellar Ataxia

**Owner:** name _______________________
**Veterinarian:** _______________________

**Address:** _______________________
**City/State/Zip:** _______________________
**Phone:** _______________________
**E-mail:** _______________________

*Has this dog been diagnosed as likely to be affected with the disease being tested for?*  **Yes**  **No**

*Does this dog exhibit any symptoms of the disease being tested for?*  **Yes**  **No**

**If Yes, please list observed symptoms:** ______________________________________________

*Have any relatives of this dog been diagnosed as AFFECTED with this disease?*  **Yes**  **No**  **Don’t Know**

**If Yes, what relative(s)?** Sire  Dam  Sibling  Grandparent  other ______________________

*Have any relatives of this dog been DNA-tested as a CARRIER for the disease?*  **Yes**  **No**  **Don’t Know**

**If Yes, what relative(s)?** Sire  Dam  Sibling  Grandparent  other ______________________

*Has this dog been diagnosed with, or does it show symptoms of any other disease, abnormality, or temperament issue? (Please list)*

____________________________________________________________________________________

____________________________________________________________________________________

**Other Comments / Questions / Concerns?**

*Signed: ______________________________________  date _________________*