

BLOOD SAMPLE HANDLING – SNP SIBLING PROJECT
for Wheaten Siblings DNA Research Project at the University of Missouri

Blood Sample: 5-10cc's of whole blood, in purple-topped (EDTA) tubes. The blood sample needs to be put in the tubes and rocked gently a few times to distribute the anticoagulant – *do not spin, extract serum or anything further*. Refrigerate if the sample is being held for any time before shipping.

Label sample with the following;

- Call name and owner's last name
 - (If samples from several dogs are sent together, number samples and forms)

Include the following:

- Completed *WHEATEN SIBLINGS DNA STUDY SUBMISSION* form,
- Copy of *pedigree* to tie dog in with the correct family,
- Copy of the latest results of blood and urine testing,
- If the dog is not affected but is a relative of an affected, please indicate the relationship.

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 delivery (US Mail, UPS, or FedEx). Pack in a small insulated container (most vets have these for shipping samples to labs), with one or more cool packs - it is important that blood samples be kept cool but not frozen.

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.

The delivery address is:

Dr. Gary Johnson – SCWT Research
320 Connaway Hall
University of Missouri
Columbia, MO 65211

If you need clarification, or have any questions about any of these procedures, please contact Liz Hansen by phone (573-884-3712), email (HansenL@missouri.edu), or regular mail (321 Connaway Hall, University of Missouri, Columbia, MO 65211). Liz is Dr. Johnson's Project & Information Coordinator and the Canine Phenome Project breed club liaison and can help with any questions you may have.

Note: the identity of participating dogs and owners will not be revealed by the Canine Phenome Project.

Why Participate?

“By providing samples and information for research, breeders can speed the discovery of genes for many traits. When mutations causing disease can be identified and DNA-based tests made available, breeders will have a powerful tool to use so that they can continue to breed good dogs, while avoiding the heartbreak of inherited disease in future generations.” Liz Hansen, breed club liaison, Canine Phenome Project.

Thank you for your cooperation and participation!