

Canine Genetics Lab – University of Minnesota

Blood Sample Submission Protocol



<https://z.umn.edu/caninegenetics>

Blood Sample Collection

- Draw 2 to 3 ml of whole blood into an EDTA tube (lavender-topped tube in the US).
 - For small dogs or young puppies 1 to 2 ml is okay.
- Gently invert tubes to distribute the anticoagulant.
 - Do **not** spin, extract serum, or do anything further.
- Label the sample with the dog's call name and the owner's last name.
- Refrigerate (do not freeze) if the sample is being held for a day or more before shipping.

Forms

- Please download and open the submission form (**Step 2**) within a pdf reader and type your information.
- Complete a submission form for each dog.
 - For multiple puppies from the same litter, the "**Litter**" submission form may be used.

Fees & Payment

- All fees are listed on the corresponding test website and payment at the time of submission is required.
- If you are requesting multiple tests to be run on the same dog, select the discounted "**Combo Test**" option.
- Submit payment by clicking on "**Submit Payment**" on the website (**Step 3**).
- Samples must be shipped with a copy of your receipt.

Shipping

- Place tubes for each dog into individual plastic bags or a hard plastic container.
 - Ex. pill bottle or syringe casing
- Pack the sample in a small box or padded envelope.
 - Cold packs are **not** required.
 - If a cold pack is included, please place within a plastic bag to prevent leakage.
- Ideally, ship the sample immediately. If you are waiting to ship, please refrigerate (do **not** freeze).
- Ship to arrive within 2-14 days (US Mail, UPS/FedEx ground, etc. For Canada, we recommend Purolator).
 - Samples do not need to be sent overnight.
- Write "**Exempt Animal Specimen**" on the outside of the shipping container.
 - For shipments originating outside the US, include the **USDA Importation Documents** available on our website or at this link: <https://z.umn.edu/USDA-Docs>
***Required for shipments originating outside of the US**
- Send samples with all forms to:

Canine Genetics Lab
University of Minnesota
1988 Fitch Ave, AS/VM 295
St. Paul, MN 55108

Questions? E-mail the Canine Genetics Lab: cgl@umn.edu