



**Bernese Mountain Dog DNA and Tissue Repository**  
**Berner-Garde Foundation and Michigan State University**  
**Dr. Vilma Yuzbasiyan-Gurkan**  
**berniers@cvm.msu.edu**  
<http://old.cvm.msu.edu/research/berner/>



## Blood Sample Submission Instructions: Submission for Repository

The Repository welcomes the submission of both blood and cheek swabs from Bernese Mountain Dogs.

- If you are interested in also submitting a cheek swab sample, the instruction link is found at: <http://old.cvm.msu.edu/RESEARCH/berner/swab.pdf>.
- Cheek swab and blood submission kits are available for purchase from MSU. Submit your request for a kit by sending an email to [Berniers@cvm.msu.edu](mailto:Berniers@cvm.msu.edu).
- Further information on kits and collection supplies can be found at: <http://old.cvm.msu.edu/RESEARCH/berner/supplies.pdf>.

### SAMPLE COLLECTION

- Collect 5-10 mL of blood and place into EDTA tube(s) – lavender top vacutainer tube
  - **INVERT** 8-10 times **IMMEDIATELY**
  - Label tube appropriately:
    - Owner name, Animal name, Date
    - Berner Garde ID if available
  - Check the EDTA tube to verify that there are no clots
  - Keep sample refrigerated until ready to ship



### SUBMISSION FORM

- Complete the project submission form located at: <http://old.cvm.msu.edu/research/berner/submissionform.pdf>
- An online version is found at: [http://www.bernergarde.org/dbaccess/DTR\\_OnlineSubmission.aspx](http://www.bernergarde.org/dbaccess/DTR_OnlineSubmission.aspx). Please only complete this online form when your samples are in the process of being shipped to us.
- Print a completed copy of the submission form and enclose it with the shipped sample.

### PACKAGING

- Please have the shipping supplies available prior to collecting the blood



- Place the EDTA blood tube into a zip lock bag
  - Place absorbent material inside the zip bag to prevent against breakage
  - You may wrap tube(s) with bubble wrap for cushioning
- Place packaged EDTA tube(s) in styrofoam container
  - You may roll the ziplock bag onto itself for cushioning
  - Include bubble wrap or packaging peanuts
  - Include ice packs to keep sample refrigerated during shipment  
**DO NOT FREEZE!**



- Place styrofoam container into a sturdy cardboard box for shipping
  - Place "Exempt Animal Specimen" label on outside of box (should be type written).
  - Place the completed submission form between the outside of the Styrofoam box and the inside of the cardboard box.

### SHIPPING TO REPOSITORY

- Ship Monday-Wednesday via Second Day shipping to:  
Attn: Dr. Vilma Yuzbasiyan-Gurkan  
2209 Biomedical Physical Sciences  
Michigan State University  
East Lansing, MI 48824
- Your veterinarian may be able to package the sample for shipment for you as they frequently have Styrofoam containers and ice packs available. If not, you may purchase a blood shipping kit from the repository by sending email to: [Berners@cvm.msu.edu](mailto:Berners@cvm.msu.edu). The shipping kits and prices are listed at: <http://old.cvm.msu.edu/RESEARCH/berner/supplies.pdf>. Please allow 7-10 days for us to process your request for a kit and get this shipped to you. Please make your payment in the form of a check made payable to Michigan State University.
- You may also choose to contact a local shipping agent such as Federal Express or UPS for advice on shipping requirements or for the purchase of packaging supplies.

FED-EX: 1-800-GO-FEDEX or online at [www.fedex.com](http://www.fedex.com)  
UPS: 1-800-742-5877 or online at [www.ups.com](http://www.ups.com)

### CORRESPONDENCE

- **Please e-mail us notification of package shipment and expected arrival date:**  
[berniers@cvm.msu.edu](mailto:berniers@cvm.msu.edu).

*Thank you very much for your participation! Please contact us at the above e-mail or at 517-432-9902 with any questions you may have.*