



Bernese Mountain Dog DNA and Tissue Repository
Berner-Garde Foundation and Michigan State University
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Berners@cvm.msu.edu
<http://old.cvm.msu.edu/research/berner/>



Cheek Swab Sample Instructions: Submission for Repository

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

- If you are interested in also submitting a blood sample, the instruction link is found at: <http://old.cvm.msu.edu/RESEARCH/berner/blood.pdf>.
- Cheek swab and blood submission kits are available for purchase from MSU. Submit your request for a kit by sending an email to Berners@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

We advise using two people to collect the DNA sample, one to gently restrain and hold the head, the second to collect the sample. To avoid contamination from dog food, please collect the sample at least 2 hours after the last meal or snack. Dogs may have access to water at any time.

1. Wash hands before sample collection and between dogs if more than one DNA sample is being collected. Wear gloves and change in between dogs when obtaining samples.
2. Peel open the brush package at the arrow.
3. Remove the brush, being careful not to touch the bristles.
4. Place the brush between the lip and gums of the dog being tested.
5. Gently brush the inside surface of the cheek for about 10 seconds.
6. Place the brush back in the original package.
7. Repeat steps 2-6 with the other brushes.
8. Fill out labels for each dog sampled. Place the label firmly on the paper side (non-plastic side of the brush holder). Press down to secure the label. You don't have to seal the brush holders.

SUBMISSION FORM

- Complete the project submission form located at:
<http://old.cvm.msu.edu/research/berner/submissionform.pdf>
- An online version of this form is found at:
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.

SHIPPING TO REPOSITORY

- If you are submitting another sample to the Repository such as blood or tissue, you can enclose the swabs in that package and send it with that sample. Please make sure that the swabs are protected from moisture and freezing.

Mail swabs and submission form to:

Dr. Vilma Yuzbasiyan-Gurkan
2209 Biomedical Physical Sciences
Michigan State University
East Lansing, MI 48824

CORRESPONDENCE

- **Please e-mail us notification of swab shipment and expected arrival date:**
berners@cvm.msu.edu.

Thank you very much for your participation! Please contact us at Berners@cvm.msu.edu or at 517-432-9902 with any questions you may have.