

# Instructions For Collecting Cheek Cells for Genetic Analysis

Thank you very much for donating samples for our research into the genetics of canine CARDIOMYOPATHY and CARDIAC ARRHYTHMIAS. This kit contains four cytology brushes per animal for DNA sampling.

1. Ideally, take the swab **several hours** after feeding.
2. To avoid confusion, sample one dog at a time, using four swabs per dog. **Perform and complete swab collection procedure for each dog, start to finish (Steps 3-7), before sampling the next dog.**
3. Before beginning, **label the outside sleeves of two brushes** with the name of the dog to be sampled. Provide additional information (name, age, sex, health status) below. Do not send unlabeled samples.
4. Open the brush envelope at the **handle** end and remove the brush. **Do not touch the bristles!**
5. Place bristle head between the cheek and gums **towards the front of the dog's mouth, under the whisker pads** and swirl, spin, or swipe 10 times, trying to make contact on all sides of the brush. If the swab is placed too far back in the mouth, the dog may attempt to chew on the brush. Keep the brush level, parallel with the teeth. Please be vigorous and thorough.
6. Let the swab air dry for about 5 minutes. **Carefully** return the swab to its **brush envelope** holding it open so as not to disturb the bristles. Fold open end of wrapper and seal with a paperclip or tape.
7. Return all samples and these forms at your earliest convenience.

#	Dog's Name	Birth Date	Sex	Breed	Health Status
-	<b>Example Dog</b>	<b>May 2019</b>	<b>M</b>	<b>Borzoï</b>	<b>Diagnosed Dilated Cardiomyopathy</b>
1					
2					
3					
4					
5					
6					
7					
8					

Owner NAME	RETURN ADDRESS  Dr. Brian W Davis Veterinary Pathobiology Texas A&M University 4467 TAMU College Station, TX 77843-4458 UNITED STATES
Owner ADDRESS	
Owner EMAIL	
Owner PHONE	

**SAMPLING INSTRUCTIONS, LIST OF SAMPLED DOGS**