

## Canine DNA Collection Procedure using Cotton Swabs



Visit your local pharmacy to purchase the necessity supplies to collect your dog's DNA.



Purchase a package of cotton swabs - the brand or type does not matter. You will need 4 cotton swabs per dog.



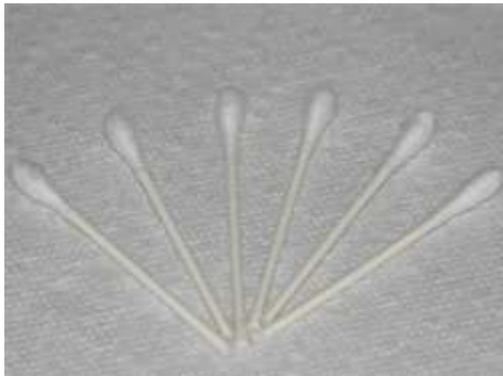
When removing the swab from a package, grasp only the stem and pull the swab out; avoid touching the cottony tip of the swab.

Using sharp scissors, cut the swab to remove the cotton tip at one end. You will need 4 swabs for each dog to be tested.



Open the dog's mouth and rub the inside of the cheek vigorously with the cotton swab to collect the cheek cells, not just saliva. Repeat, using the other 3 swabs - take samples using 2 swabs on each side of the cheeks. Young puppies have a small area inside their mouth for taking buccal swabs. We suggest you do two swabs one day and the other two swabs the second day.

**A drop or two of blood on the swab also works very well.**



Set the swabs that have DNA on them on a paper towel to dry. Do not allow the swabs to touch one another.



Put the dried swab into a paper envelope, cotton tip side down. Seal the envelope.

Write the information containing the dog's name, breed, date of birth and sex whose samples are enclosed, to the envelope.

If you plan to collect from more than one dog, wash your hands between dogs to prevent any cross-contamination. Repeat the above procedure, using a clean paper towel for each set of swabs. Use a separate paper envelope for each set of swabs, each with the dog's information stapled to it.



**NEVER place any of the samples in plastic bags or plastic tubes.**

The samples should be air dried and placed in paper envelopes and NEVER in any sort of culture media.

**PLACING THE SAMPLES IN A PLASTIC BAG WILL DESTROY THE SAMPLES!!**



**Place the sample envelopes, with the order form in a second envelope.**

**Mail samples to:**

**Unistel Medical Laboratories**

**Suite 13, Private Bag X22**

**Tygervalley**

**7536**

**South Africa**