# DANASWABS Sample Collection KIT

## SAMPLE TAKING

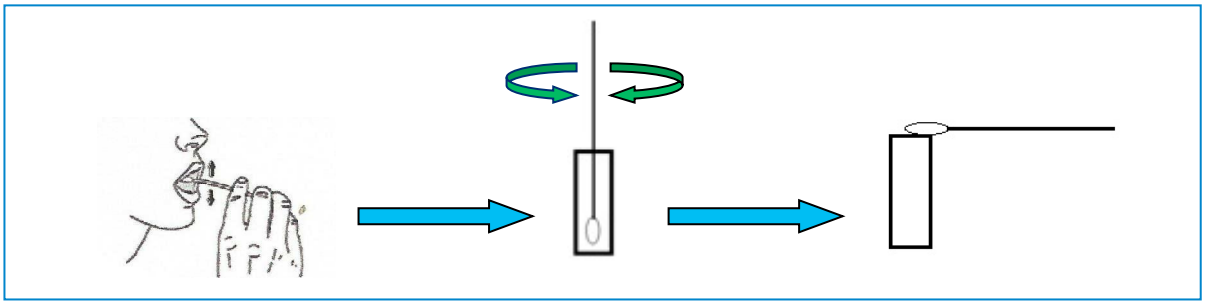
1. It is recommended that the individual to be sampled should refrain from drinking coffee and taking any food at least 30 minutes before collection. If this is not possible, a gentle wash with water from the mouth is recommended.

2. Collect the buccal cell sample with the foam swab. Rub the swab on the inside of the cheek (buccal wall) and gums with a firm pressure about 30 times on each side of the face and each side of the swab.

**Important: make a firm, solid and reasonable pressure with the swab. The hand can be placed on the cheek to offer a more solid surface.**

**3. If you use our DANASWABS Sample Collection Kit, proceed as follows:**

4. Insert the swab into the microtube with the blue the **Conservation Solution.** Rotate the swab quickly to release the buccal cells into the solution **with the same stirring motion of a teaspoon of coffee**. Press the swab against the wall of the microtube and rotate to ensure that most of the fluid remains in the microtube. It is also recommended to pass the foam head of the swab several times through the upper part of the microtube to release the last drops.



5. The solution should be observed that acquires a slight turbidity which will indicate the presence of oral cells. If the solution continues transparent, a new sample collection should be carried out with a new swab and at another time .

6. The preserved sample is stable at room temperature (15-25ºC) for 1 year and can be sent to the laboratory for the purification of genomic DNA. If stored at -20ºC or -80ºC, the sample is stable indefinitely.

## Extraction from samples preserved with our DANASWABS Sample Collection Kit

1. Those samples that have been left upright for several days can be observed a white pellet containing buccal cells. Using a micropipette, resuspend the pellet completely and transfer **all the solution to a new 2.0 ml microtube.**
2. **Add 1000 µl of Resuspension Buffer or nuclease free-water** and Centrifuge at 13,000-16,000 x g for 2 minutes.
3. 3. Remove the supernatant by decanting, **taking care not to lose the cell pellet.** Return to centrifuge briefly and remove all the liquid with a micropipette.
4. Process the sample according to its extraction method. **We recommend to use our DANAGENE SWABS DNA Kit.**