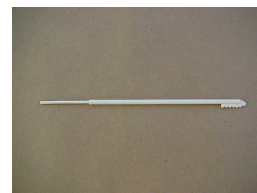


Sterile Omni Swab

Whatman's Sterile **Omni Swab** is designed for collection of buccal cell samples for DNA testing. To obtain a buccal cell sample, the pad end of the **Omni Swab** is rubbed against the inside of the cheek. Unlike cotton-tipped swabs, the **Omni Swab** is made of absorbent material specifically designed for the collection of buccal cells. The single use swab has a unique removable collection pad to assist in processing the sample. While collecting a buccal sample is quick, easy and painless, it still needs to be done correctly.

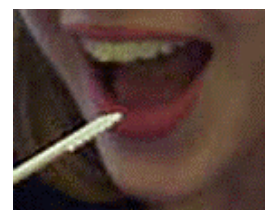


Suggested Directions for Use

The following directions are provided to illustrate an acceptable collection protocol. Each facility should establish a sample collection protocol that meets the objectives of collection and testing facilities.

Sample collection:

1. The person providing the buccal cell samples should not eat or drink immediately prior to giving the sample. If food or drink has been recently taken, it is suggested that the mouth be rinsed with water prior to sampling.
2. The person taking the samples should wear biohazard-barrier gloves and avoid contact with the Omni-Swab collection pad.
2. Open the Omni-Swab packaging at the handle end and carefully remove swab. Do not touch the collection pad of the swab.
3. Holding the handle end of the Omni-Swab, scrape the collection pad firmly against the inside of the cheek 5-6 times (about 10 seconds) being careful not to eject tip.
4. After taking the sample, eject the pad into a labeled 2mL microcentrifuge tube.
5. If desired, repeat sampling procedure with a second swab using the other cheek. Eject pad into a different labeled 2mL microcentrifuge tube.



Storage:

After sample collection, pad can be kept at room temperature when processed immediately. If storage is necessary, freeze pads at -20°C.

DNA Extraction:

DNA can be extracted from the pad using standard laboratory procedures. DNA yields of 500-2,000ng DNA are typical. Actual DNA yield will vary depending on the original DNA concentration, collection efficiency and extraction procedure.