

Buccal DNA Collection and Storage

Slider Buccal DNA Collector

The Slider Buccal DNA Collector is a device designed for direct collection of buccal cell samples from the inside of the mouth cheek for the purpose of human identification.



Specifications

Collection device contains three components – Handle with Collection Paper, Support, and Sliding Cover.

The Handle and Support are manufactured with sturdy and safe medical grade plastic. The Collection Paper is attached to the Handle by sonic welding and is shaped to fit against the Support. The Collection Paper is manufactured and tested according to FDA Quality System Regulations and is listed as an *in vitro* Class II medical device. The Handle is designed with a barcode area near the Collection Paper and will fit into the support so that the Support is directly under the Collection Paper. The Sliding Cover protects the Collection Paper and enables ventilation of the collection paper.

Measurements of device:

Length: 6 3/8 in.

Width: 3/4 in.

Height: 5/8 in.

Weight: 0.5 oz.

Product Features

- **Slider Cover** – Covers the collection paper when pushed forward over the paper. Prevents buckling of the collection and allows air to flow to the collection paper for efficient drying.
- **Labeling** – Labeling space provided on the end of the handle allows for simple documentation of the sample.
- **Customizability** – Bode offers customizable labeling of the Buccal DNA Collector to meet the needs of the user. Customization can include the color and the information on the label. Bode also offers customizable kit packaging.
- **Stop Notch** – A built in stop notch prevents the user from pushing the handle too far into the support and exposing the collection paper.
- **Archiving** – The top of the Buccal handle and the sides of the DNA Processing/Archival Trays offer enough surface area to apply a barcode label for easy accessioning, chain of custody tracking, and archiving.

Easy to Use

The Buccal DNA Collector is designed to be easy to use and requires minimal training.

1. Remove the device from the protective outer package. Instruct the subject to hold the device in one hand with the thumb on the back of the support.
2. Instruct the subject to open and insert the device into the mouth; placing the collection paper against the inside of the cheek.
3. Instruct the subject to apply force with the thumb and drag the device out of the mouth. Repeat several times.
4. After collection move the sliding cover to the "Up" position to protect the collection paper.



Bode DNA Processing/ Archival Tray

Designed to minimize processing time of DNA sampling and storage space for archiving Buccal DNA Collectors



- Reduces process time when using the Bode-Tray processing system.
- Protects from cross contamination.
- Large surface area allows for bar code application and easy archiving capabilities.
- Provides an efficient way to track, process, and archive Buccal DNA Collectors.



Paper Transport Pouch

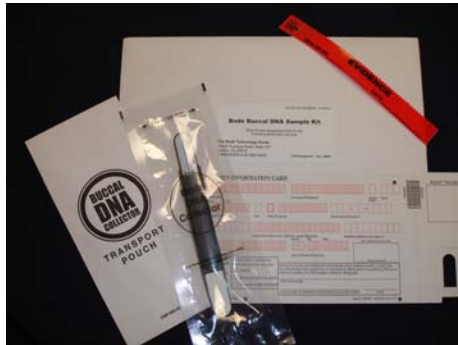
Designed specifically to contain the Buccal DNA Collector during transportation or storage.



- **Desiccation** - Desiccants are included with all kits to effectively maintain a dry environment during transport and storage.
- **Validation** – Ongoing validation has shown that samples collected using the Buccal DNA Collector and have been stored in the Paper Transport Pouch for five years with excellent DNA analysis results.

Customized Kits

A variety of packaging options are available to customize the Buccal DNA Collector kit. Customization can be done on Specimen Information Cards and the kit components including return-mailing envelopes.



Product and Order Information

Product	Quantity	Catalog Number
Buccal DNA Collector	Case of 100	P01D28
Buccal Transport Pouch	Case of 100	P01D18
Archival Cassettes with Envelopes	Case of 100	P01D32
Adhesive Seals for Archival Cassettes	Roll of 1000	P01D34
Custom Labeled Slider Buccal DNA Collector	Case of 100	Inquire
Custom Buccal DNA Collection Kit	Case of 50	Inquire
Buccal DNA Processing/Archival Trays	Box of 11 Trays	P01D57
Buccal DNA Processing/Archival Trays	Case of 8 Boxes	P01D56
Buccal DNA Processing/Archival Trays with clean punch paper	Box of 11 Trays	P01D61
Buccal DNA Processing Archival Trays with clean punch paper	Case of 8 Boxes	P01D60
Desiccants	Case of 100	P01D23
Reference Sample Collection Kit	Each	P01D14
Buccal DNA Collector Sample Kit	Each	P01S10



Frequently Asked Questions

Can I obtain a sample for testing in my laboratory?

- Yes (Catalog No. P01S10). Cases of 100 Buccal DNA Collectors are also available for sale.

Have long-term stability studies been done with biological material collected on the Buccal DNA Collector?

- Yes, validation of the Buccal DNA Collector has been 5 years thus far. The collection paper for this device has been used since 1963 for the collection of biological materials.

How does the Buccal DNA Collector compare to current buccal methods in use?

- The slider Buccal DNA Collector provides a well supported flat surface for optimum collection of cells. It is easy to barcode or label and uses a direct collection method that requires no transfer step and requires minimal training.

How should the kit be stored?

- Store at ambient temperature in a cool dry environment.

Is this safe to put in my mouth?

- Yes, the Collection Paper is untreated 100% cotton and hypoallergenic.

How much sample can be collected during processing?

- Studies have shown total DNA yields averaging 80 ng per ¼" punch with a typical range of 15 to 150 ng.

What extraction method process is recommended to process the buccal samples?

- All commercially available kits are compatible for processing buccal samples from the Buccal DNA Collector. For best results, we recommend processing with one of Qiagen's DNA amplification kits.

Why buccal cells instead of blood?

- Buccal collection is a non-invasive DNA collection method that eliminates risks associated with handling and transferring blood samples. Collection, processing and storing is significantly less expensive when using buccal cells as well.