

Buccal DNA Collection and Transport

Buccal DNA Collector™

The 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 and Label,
- Support
- 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.

Frequently Asked Questions

How does the Buccal DNA Collector compare to other buccal collection methods

- Bode's Buccal DNA Collector requires no transfer steps after collection, meaning the original sample will never be separated from the original label – increasing Chain of Custody Control.
- Bode's Buccal DNA Collector is customizable. The collector handle can be made to use whatever label is desired. Bode also offers customized collection kits.

How many punches can be removed from a Buccal DNA Collector?

- It is possible to remove 19 (n = 19) 4.7mm punches per collector.

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 Buccal DNA Collector is put through a sterilization process making it safe to use. The Collection Paper is untreated 100% cotton and hypoallergenic.

Can I obtain a sample for testing in my laboratory?

- Yes, to request a sample, contact Bode Customer Service at 866-BODE-4-ID extension 787.

Reference Sample Collection and Transportation

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 seven times.
4. After collection move the sliding cover to the "Up" position to protect the collection paper.



Transportation

Paper Transport Pouch with Desiccant

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

The paper transport pouch includes a desiccant to dry the collector and maintain a dry environment during short-term storage.

The large surface area provides ample room for labeling and barcoding.

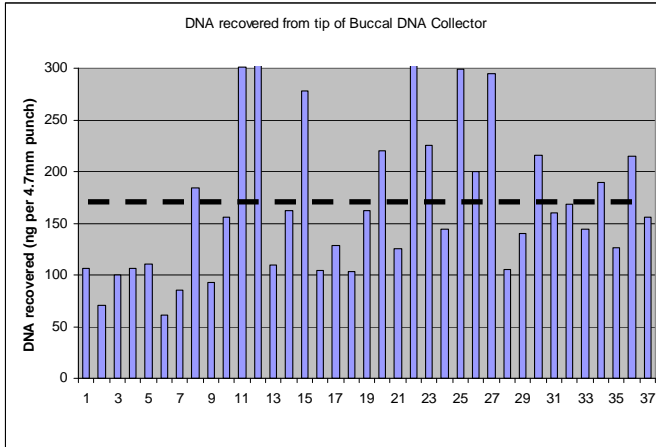


High DNA Yields

The Buccal DNA Collector has a large process that allows the user to process as much of the collection paper as desired depending on the amount of DNA needed for their application. The large surface area also allows for high DNA yields. The portion of the paper not consumed can be archived.

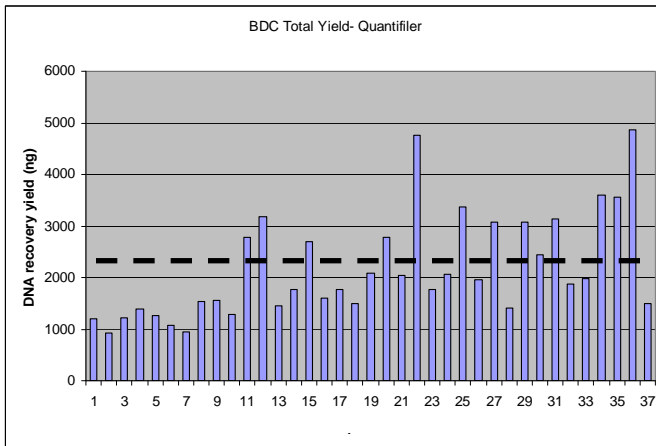
Processing using a 4.7mm punch

The average DNA yield using a 4.7mm punch is **168.5ng**.



Processing using the entire collector

The average DNA yield on the entire collector is **2175ng**.



Product and Order Information

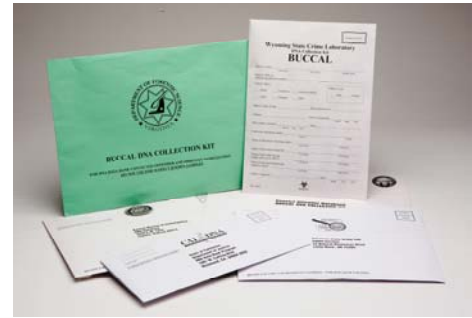
Call us at 866-BODE-4-ID Ext 787 (STR) (866 263 3443) or visit www.bodetech.com

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 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
Reference Sample Collection Kit	Each	P01D14
Buccal DNA Collector Sample Kit	Each	P01S10

Related Products

Customized Kit Packaging

A variety of packaging options are available to contain kit components or for use as return-mailing envelopes.



Bode DNA Archival Trays

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



- Large surface area allows for bar code application and easy archiving capabilities.
- Provides an efficient way to track, process, and archive Buccal DNA Collectors.
- Store up to 88 collectors in a box smaller than 0.5 cubic feet.

Long-term Sample Stability on the Buccal DNA Collector

On going long-term stability studies show that the Bode Buccal DNA Collector can maintain sample integrity for 5 years so far.