



FITZCO

Leading The Way...

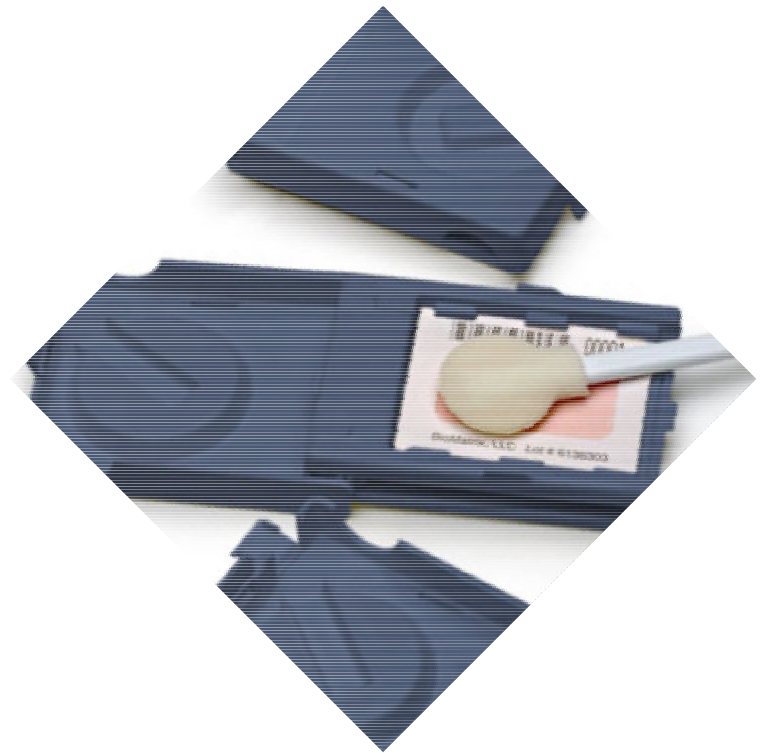
QUALITY

You can depend on Fitzco Quality!

- ◆ ISO 9001:2000 Certified
- ◆ GMP Facility
- ◆ FDA Approved Class III Medical Device Facility
- ◆ Clean Room 10,000/100,000



Introducing



Sampact™
Swab Sample
Collection Device



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Spring Park, MN 55384

800-367-8760

Fax: 952-471-0787

www.fitzcoinc.com

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SAMPACT™

Your DNA

A specimen storage system designed to preserve the integrity of the sample during collection, storage, transportation and analysis.

Positive transfer of cells to membrane through compression of swab to paper

Adaptable for custom applications

Designed to work with automated or manual punching systems

Reduces handling of the biological sample

Contamination free storage and transportation

Supports a variety of samples

PERFECT FOR DNA

COLLECTION:

Buccal
Blood
Skin
Tissue



SAMPLE COLLECTION

APPLICATIONS:

Forensics--Database and Case Work
Diagnostics
Pharmaceutical -- Drug Discovery and Validation
Clinical Trials -- Field Collection
Home collection for Identification, Genetics or Health needs
Food Testing
Agriculture
Water Testing
Veterinary

FTA is a registered trademark of the Whatman Group. Covered under US Patents 5496562, 576126, 5807257 and patents pending.

ABSTRACT

A Simple Device for the Efficient Transfer of Buccal Swab Cells onto FTA® Paper

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The collection of buccal swab cells for paternity, forensics and the CODIS program has become the preferred method over the past several years. It can be easily used by the non-medical personnel for the non-invasive routine collection of biological material suitable for DNA analysis. The integration of a buccal swab collection procedure with the long term room temperature archiving and simplified processing capabilities of FTA® Paper would be highly advantageous.

Currently, the buccal cells are transferred onto FTA® Paper by blotting or rolling the swab over the paper. This process is often inefficient and results in an uneven distribution of cells over the target area on the paper. A new inexpensive device, Sampact™, has been developed which greatly simplifies the transfer of buccal swab cells onto FTA® Paper. It was designed for use with a round "lollipop" foam tipped applicator swab commonly used in the human identity community

The Sampact™ is a small precision molded device in which an small FTA® cassette card is inserted.

Following the collection of the buccal cells, the foam tipped applicator swab is placed into the Sampact, the unit is closed, and the pressure of the lid evenly transfers the cells onto the Indicating FTA® MicroCard. The color indicator on the FTA® paper will change from pink to white making it easy to visualize where the buccal epithelial cells have been transferred onto the paper. The FTA® MicroCard can then be shipped, archived or processed for DNA.

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