

**Collect, Isolate, Transport and
Store DNA Samples
All at ROOM TEMPERATURE!!**



One Step DNA Collection & Isolation

- Just apply sample to FTA card and allow to dry.
- DNA is captured and stabilized for immediate processing or long-term storage.
- No heat or centrifugation needed.

Store DNA at Room Temperature for Years

- Genomic DNA stored on FTA Cards *at room temperature for over 11 years* exhibits no loss in PCR efficiency.

Stored Samples Are Ready for Analysis in Less Than 30 Minutes.

- To recover captured nucleic acids, a punch from the FTA Card is washed leaving clean nucleic acid on the punch. The punch can then be used directly in downstream applications such as:

PCR
SNP Analysis
RT-PCR
RFLP
Restriction Enzyme Digestion

- Genomic DNA remains bound to the FTA punch, so the punch can be repetitively amplified.

Transport DNA Safely and Securely

- FTA Cards rapidly inactivate organisms including blood borne pathogens and prevent the growth of bacteria and other microorganisms.
- Samples collected on FTA Cards are so safe they can be sent via regular US Postal Service mail without hazardous labeling.

FTA Simplifies Your Research

- Whatman patented FTA® Cards provide a safe, secure and reliable method for the room temperature collection, transport and storage of DNA.
- When cells are applied to FTA Cards the cells are lysed and the nucleic acids are immobilized and stabilized within the Card's matrix.

Can Be Used with Any Sample

- Simply apply the sample to an FTA Card either directly or with an applicator swab.

Blood	Micro-organisms
Bacteria	Plant Material
Buccal Cells	Solid Tissue
Cultured Cells	Viruses
M13 plaques	...and more
- For clear samples, *Indicating* FTA Cards are recommended. *Indicating* FTA Cards change color (pink to white) upon sample addition to easily identify sample location.
- For plasmid DNA, use CloneSaver™ Cards.



FTA® PRODUCTS

Designed for the collection, isolation, transport and purification of nucleic acids.

FTA Classic Card Cat. No.: WB12 0205 (100 cards per pack)

- Four Sample Areas
- Holds up to 500µl blood or 100 µl plant homogenate

Indicating FTA Classic Card Cat. No.: WB12 0206 (100 cards)

- Same as WB12 0205 plus color indicator to identify location of clear samples

FTA Mini Card Cat. No.: WB 12 0055 (100 cards per pack)

- Two Sample Areas
- Holds up to 250µl blood or 50 µl plant homogenate

Indicating FTA Mini Card Cat. No.: WB 12 0056 (100 cards)

- Same as WB12 0055 plus color indicator to identify location of clear samples

FTA Micro Card Cat. No.: WB 12 0210 (100 cards per pack)

- One Sample Area
- Holds up to 125µl blood or 25 µl plant homogenate

Indicating FTA Micro Card Cat. No.: WB 12 0211 (100 cards)

- Same as WB12 0210 plus color indicator to identify location of clear samples

FTA Gene Card Cat. No.: WB12 0208 (100 cards per box)

- Designed for automated systems
- Three sample areas
- Holds up to 225µl blood or 75 µl plant homogenate

CloneSaver™ Cards Cat. No.: WB12 0028 (5 cards per pack)

- Designed for the long-term storage of plasmid DNA
- Organized in 96 well format. Each well holds 5 µl of bacterial culture, resuspended colony or glycerol stock.

ASSOCIATED PRODUCTS

FTA Purification Reagent Cat. No.: WB12 0204 (500mls)

- For the rapid purification of nucleic acids stored on FTA Cards
- Provides superior quality DNA for PCR or RFLP analysis

Sterile Foam Tipped Applicator Cat. No. WB10 0009 (50 per pack)

- A non-abrasive device for the collection of saliva and buccal cells to be transferred to Indicating FTA Cards.
- Pre-sterilized and individually wrapped for single use

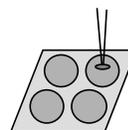
FTA Card Mailer Cat. No.: WB10 0016 (50 per pack)

- For use with the Multi-barrier Pouches to transport FTA cards in accordance with US Postal Service recommendations.

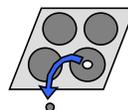
FTA Multi-barrier Pouches

- Large: Cat. No: WB10 0010 (500 per box)
- Medium: Cat. No: WB10 0011 (500 per box)
- For storing & shipping FTA Cards
- Seven layer protection from exposure to external elements
- Tamper-evident seal maintains sample security
- Outer paper layer for labeling or writing

Quick & Easy DNA Preparation From Sample to PCR in Less Than 30 Minutes



SPOT: Apply sample and allow to completely dry. Store for future processing or purify as follows.



PUNCH: Remove a disc from the center of the dried specimen.



REAGENT WASHES: Place disc in PCR tube and wash 3 times with FTA Purification Reagent. Discard Reagent after each wash.



TE RINSES: Rinse 2 times with TE⁻¹. Discard TE⁻¹ after each rinse.



DRY: Allow the disc to completely dry.



PCR: Add PCR master mix directly to the disc in tube and PCR.

- TE⁻¹: 10mM Tris-HCl, 0.1mM EDTA, pH 8.0

Storage Desiccant Packets Cat. No. WB10 0003 (1000)

- Ensures that the FTA card remains dry during storage

Harris Micro Punch™ (1.2mm or 2.0mm) & Mat

- For the quick, easy sampling of materials from FTA cards
- | | |
|-----------|-------------------|
| WB10 0005 | 1.2mm Punch & Mat |
| WB10 0007 | 2.0mm Punch & Mat |

For Research Use Only. Not for Use in Diagnostic Procedures

Whatman is a trademark of Whatman International Ltd.
FTA and CloneSaver are trademarks of the Whatman Group.

Whatman