

Discover the power of FTA[®] Elute



Whatman[®]

Whatman FTA Elute

Room temperature DNA storage combined with simplified purification of DNA for multiple amplifications from a single sample



Whatman FTA Elute is a device that allows for sample collection, room temperature storage, processing and elution of DNA for use in molecular based amplification technologies such as PCR. As an all-in-one device, FTA Elute eliminates the following:

- Shipping of whole blood collected in tubes
- Freezer storage
- Long sample processing times
- Use of organic reagents to isolate DNA
- Nucleic acid purification kits

FTA Elute provides an easier way to work with DNA for a multitude of applications—from biobanking, pharmacogenomics and genotyping to diagnostics.

Whatman FTA Elute is a rapid preparation device for DNA isolation from a variety of sample sources, providing you with a highly flexible solution for a wide range of critical applications. Collection of clinical samples and subsequent amplification-based DNA analyses can be used for both disease and non-disease applications. FTA Elute can isolate nucleic acid template for molecular applications, which include infectious diseases, genetic disorders and oncology. FTA Elute can be used in population genetic studies, eliminating the need to ship whole blood samples on ice to the reference laboratory for analysis.

FTA Elute is virucidal and bactericidal to ensure safe handling of samples.

The FTA Elute matrix rapidly inactivates organisms, including blood borne pathogens, eliminating the risk of contamination for the individuals handling the sample. Samples can be sent through the mail without bio-hazardous classification, significantly lowering costs and simplifying handling.

Applications:

- Biobanking
- Pharmacogenomics
- Genotyping
- Rapid DNA Isolation
- Molecular Diagnostics
- Genetic Identification
- Transgenics
- PCR

Use FTA Elute for a wide range of procedures:

- Multiple PCR
- Amplification-based Sequencing
- SNP Analysis
- STR Analysis
- HLA Typing
- Whole Genome Amplification

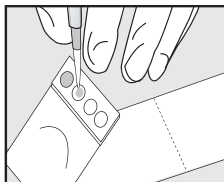


Whatman FTA Elute provides the easiest, most cost-effective way to collect, archive and process large numbers of human DNA samples.

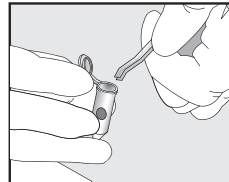


Collect and isolate samples quickly and easily

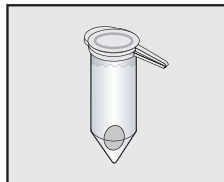
Blood Sample Collection and Isolation of DNA Template



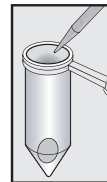
1. Blood sample collection on FTA Elute. Dry thoroughly.



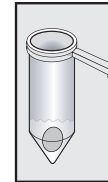
2. Punch out a 3 mm disc with a sterile punch and place into a microcentrifuge tube.



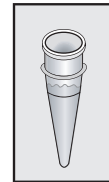
3. Rinse disc in 500 μ L of dH₂O by vortexing 3X for 5 seconds.



4. Using a sterile pipette, remove water; centrifuge for 5 seconds; pipette off excess water.



5. Add 30 μ L sterile water; heat to 95°C for 30 minutes; vortex 60 times; remove disc; DNA template is now ready.



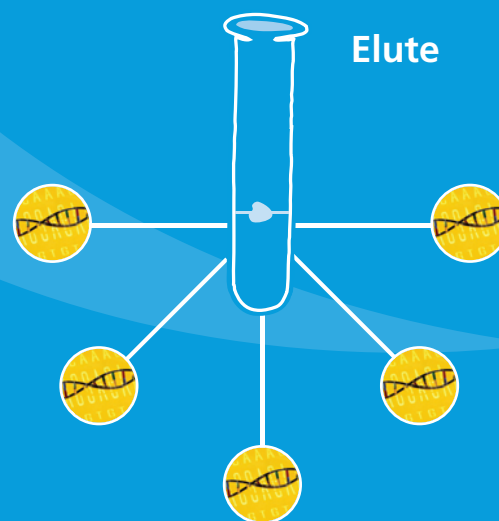
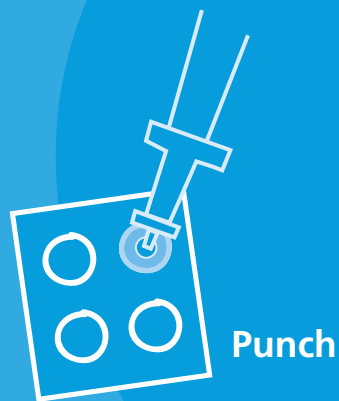
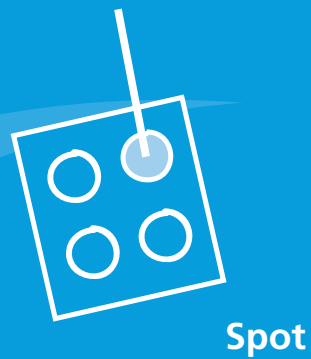
6. Add 2.5 μ L template to a 25 μ L PCR amplification mixture.

30 Minute Isolation

Whatman®

Harness the power of FTA Elute to simplify and speed your research

Now collecting and processing DNA is as simple as Spot, Punch and Elute. Whatman FTA Elute frees you from complicated, time-consuming procedures, allowing you to focus on your research—and reach discovery faster.



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