

Whatman FTA[®] for Blood DNA

Collect, transport, store
and purify blood DNA.

Whatman FTA[®] provides a remarkably fast and easy way to prepare blood samples for DNA analysis. Simply apply a blood, bone marrow or buffy coat sample to the FTA matrix; DNA is captured and stabilized immediately, enabling indefinite room temperature storage. Analyze whenever you're ready. Ship safely. And purify in 30 minutes. Try FTA, and you'll soon find it's an indispensable part of your DNA toolbox.

Features and Benefits

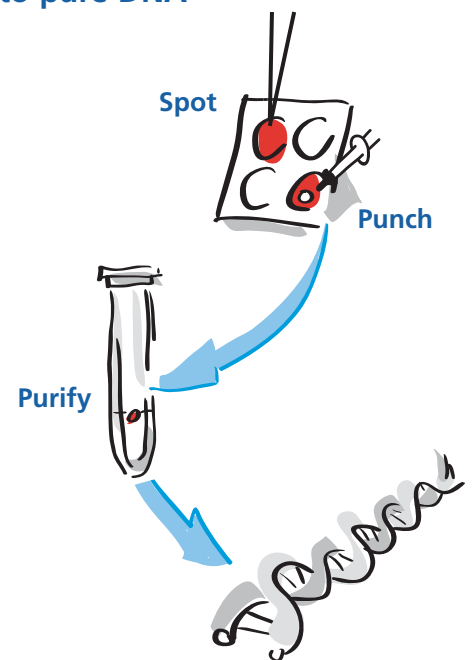
- **Simple collection** Samples are applied directly to the FTA matrix.
- **Fast purification** FTA is the fastest way to purify blood DNA for PCR testing. DNA is purified on the FTA Card in three simple steps, all in a single tube at room temperature. No toxic chemicals are required. DNA remains immobilized on the matrix, ready for PCR.
- **Fits your method** Whether you collect whole blood, bone marrow or prepare buffy coat samples, FTA fits your method. Apply directly to FTA Cards. There's no need for further purification with time consuming incubations or phenol/chloroform methods.
- **Safe room temperature storage and shipping** Nucleic acids are automatically stabilized without the need for refrigeration. FTA inactivates potentially harmful pathogens, making samples safe for routine laboratory handling. Shipping samples to colleagues or central laboratories is easy with FTA Cards. Simply mail them.
- **Automatable** Automation speeds the handling of multiple FTA punches, reduces labor, increases throughput and standardizes DNA purification. Punches can easily be washed and prepared for PCR on a variety of liquid handling instruments.

Applications

- Diagnostic and clinical applications
- HLA typing
- Genetic identification
- Molecular screening studies
- Animal breeding studies
- Whole genome amplification

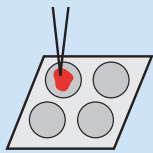


Three easy steps to pure DNA



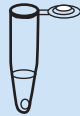
Whatman[®]

FTA BLOOD PROTOCOL OVERVIEW



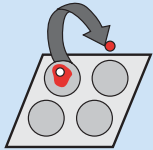
Sample Application

Apply whole blood, bone marrow or buffy coat to the FTA Card. Allow to dry completely.



TE⁻¹ Rinses

Wash twice with TE⁻¹ buffer (10 mM Tris, 0.1 mM EDTA, pH 8.0) and discard used buffer after each wash.



Disk Removal

Punch a disk out of the sample on the FTA Card.



Drying Step

Dry disk in PCR tube.



FTA Purification Reagent Washes

Place the disk in PCR tube and wash three times with FTA Purification Reagent. Discard used reagent after each wash.



Direct to PCR

Add PCR master mix directly to the disk and amplify.



Whatman Quality

Whatman is a global leader in separations technology and is known in the scientific community for providing innovative Life Science products and solutions. Our instinct for simplification accelerates the rate of discovery, reduces costs and saves time. In order to focus on the unique needs of our customers, Whatman is organized into four business development units: Analytical Chemistry, Diagnostics, Genomics & Proteomics and Medical Devices. For more information, visit www.whatman.com.

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WHATMAN CATALOG ORDERING INFORMATION

Whatman Catalog Number	Standard Unit	Qty./Pack
WB120061	FTA Starter Pack	1
WB120204	FTA Purification Reagent	500 mL
WB120205	FTA Classic Card (non-indicating)	100
WB120055	FTA Mini Card - 2 Spot (non-indicating)	100
WB120210	FTA Micro Card (non-indicating)	100
WB120208	FTA Gene Card	100
WB100005	Harris Micro Punch 1.2 mm	1
WB100006	Harris Micro Punch 1.2 mm Tip	1
WB100028	Harris Uni-core 1.25 mm Punch	4
WB100010	Multibarrier Pouch (large)	500
WB100011	Multibarrier Pouch (small)	500
WB120216	FTA Gene Card/pouch/desiccant	1000
WB120217	FTA Classic Card/pouch/desiccant	1000
WB100025	1.2 mm Replacement Plunger	1
WB100003	Desiccant	1000
WB100016	FTA Card Mailer	50
WB100020	Replacement Cutting Mat	1
WB100030	FTA Gene Card Carrier	20
WB120005	GenSpin DNA Purification Kit	50 Purifications

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Purify DNA in less than 25 minutes. The Whatman GenSpin DNA Purification Kit allows you to quickly and easily purify high quality, PCR ready single stranded DNA from whole blood and cultured cells. Only small sample volumes are required.



Whatman GenSpin™ DNA Purification Kit

Whatman®

Leaders in Separations Technology
www.whatman.com