

Molecular Biology

Nucleic acid processing media, FTA®

Qiagen

FTA® products from Qiagen provide users with an established range of effective tools and innovative solutions for the collection, purification and transportation of nucleic acids.

FTA® is a chemical treatment that allows for the rapid isolation of pure DNA. When samples are applied to FTA®-treated paper or card, cell lysis occurs and high molecular weight DNA is immobilised within the matrix. Amplification or restriction enzyme digestion can be performed directly on the treated paper without the need for extensive extraction procedures.

Features

- ◆ Rapid isolation of pure DNA
- ◆ Designed to kill pathogens and prevent future colonisation by bacteria of fungi
- ◆ Protects DNA from microbial and environmental degradation
- ◆ Archive samples at room temperature
- ◆ Reduces potential for cross-contamination between samples
- ◆ Eliminates shearing forces associated with conventional extraction methods

QIAcard FTA® Classic and Micro cards

FTA® treated, 75 x 75mm cards designed for collection and transport of biological materials.

- ◆ All cells are lysed, even from solid tissue
- ◆ Bacteria and viruses are inactivated, providing non-hazardous samples
- ◆ Biological samples can be collected, transported and stored at room temperature
- ◆ Cards can be punched to provide clean DNA samples for easy transfer to PCR reaction vessels
- ◆ Amplifications possible on biological samples stored on cards at room temperature for ten years
- ◆ QIAcard FTA® Micro card is one quarter of the size of the QIAcard FTA® Classic card

As described. Supplied in packs of 100.

MW200-10 WB120205 QIAcard FTA® Classic cards

MW200-25 WB120210 QIAcard FTA® Micro cards

QIAcard FTA® Gene cards

Similar to the QIAcard FTA® Classic cards but prepared for automation. Contains three circles without paper cover, each to hold approximately 50µl of whole blood (more if spotting is outside the circle). Supplied in a pack of 100.

MW200-60 WB120208 QIAcard FTA® Gene cards

Benefits

- ◆ Capture and store nucleic acids in one step
- ◆ Reduces handling, saving time and money
- ◆ Stabilises genomic DNA at room temperature for over eleven years

QIAcard CloneSaver™ cards

Capture BAC and Plasmid DNA for long term storage and downstream applications in one easy step.

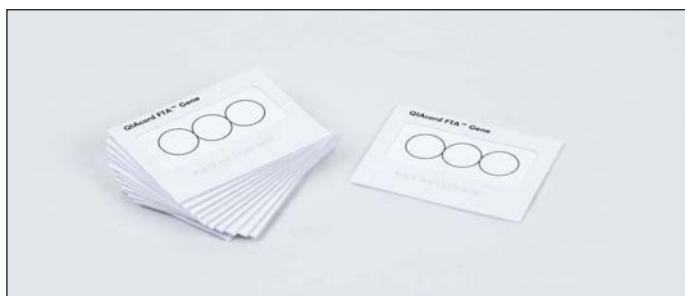
- ◆ Simply apply 5µl bacterial culture, resuspended colony or glycerol stock to a QIAcard CloneSaver™ card. The plasmid or BAC DNA is captured and stabilised for long-term storage or immediate processing
- ◆ Captured DNA is easily accessible for downstream applications
- ◆ Store up to 96 samples on each QIAcard CloneSaver™ card
- ◆ QIAcard CloneSaver™ cards include a pink indicator that turns white upon sample application to aid identification and location
- ◆ Plasmid DNA held on QIAcard CloneSaver™ cards are stable at room temperature for at least two and a half years

QIAcard CloneSaver™ cards provide a convenient and accessible format for downstream applications involving frequently used, plasmid and BAC clones. Washed, punched discs from the card are ready for transformation of bacteria by stored, immobilised, plasmid DNA using electroporation or heat-shock methods. An immobilised plasmid DNA punch can also be used directly as a template for PCR. The plasmid DNA template remains bound to the punch and can be re-used in another reaction. The PCR products remain in solution, do not bind to the punch, and are easily recoverable. Supplied in a pack of 5.

MW200-85 WB120028 QIAcard CloneSaver™ cards



MW200-10



MW200-60



MW200-85