

KRISHGEN BioSystems

Plasmid DNA Isolation

AMPHORA Plasmid MiniPrep

The AMPHORA MiniPrep Plasmid DNA Purification kit is based on a modified alkaline-SDS lysis process for optimised, high purity plasmid isolation from 1 to 3 ml bacterial cell culture. It contains sufficient buffers and reagents to perform 100 preparations. The purified plasmid DNA is ready for use in all molecular biology procedures such as digestion with restriction enzymes, PCR and sequencing.

BAC DNA Isolation kits

AMPHORA BAC DNA MiniPrep

The AMPHORA MiniPrep BAC DNA Purification is based on a modified alkaline-SDS lysis process for optimised, high purity BAC DNA isolation from 1 to 5 ml bacterial cell culture. It contains sufficient buffers and reagents to perform 100 preparations. The purified BAC DNA is ready for use in all molecular biology procedures such as digestion with restriction enzymes, PCR and sequencing.

AMPHORA BAC MaxiPrep-250

It is designed to isolate BAC DNA from pellets obtained from 250ml of E.coli cell culture

Procedure:

- Cell cultures are lysed, suspended and neutralized
- Genomic DNA is removed by enzymatic digestion
- Purification of DNA with Amphora Ion Exchange Resin

PSI CLONE Big BAC DNA Isolation kit

This protocol may be easily adjusted to process any volume from 25-250 ml of Terrific Broth cultures. An elution volume of 750µg is suitable for processing all volumes when the columns supplied are used. It is recommended that volumes be processed in units of 25 or 50 ml. 50ml is the largest volume of culture that can be processed.

PSI CLONE Mini BAC DNA Isolation ki

It facilitates the isolation of high quality of BAC DNA. Typical yields between 0.6 and 1.0 µg are observed from an overnight 3-5 ml culture. This protocol generally involve enzymatic steps or organic extractions. The PSI CLONE BAC DNA Kit utilizes a simple spin column protocol free of organics to yield high purity BAC DNA

