ACExtract Plasmid Midi Kit

Cat# NA-P003

store at at 2-8°C

INFORMATION

Size	50T / 100T
Description	On the basis of the traditional alkali lysis method to extract plasmids, combined with column purification nucleic acid technology, it is suitable for extracting plasmid DNA up to 70 μg from 5 to 15 ml bacterial cultures. The design of two different washing fluid wash purification columns, more thoroughly remove the various impurities contained in the bacteria, suitable for a variety of requirements of molecular biology experiments.
Important Notes Before starting	• Add ethanol (96-100%) to Buffer WB before use as the label. • Add ethanol (96-100%) to DNA Wash Buffer before use as the label. • Add the provided RNase A solution to Solution I before use, mix, and store at 2-8°C. • Check all buffer before use for salt precipitation. If necessary, dissolve the buffer by warming at 37°C for several minutes. • Avoid direct contact of Solution II, immediately close the lid after use. • All centrifugation steps are carried out at 12,000 rpm (~13,400× g) in a table-top microcentrifuge at room temperature (15-25°C).
product introduction	can be completed in 20-30 minutes for separating and purifying up to 70μg of high-purity plasmid DNA without the need for phenolic chloroform extraction. Nucleic acid purification columns do not require balanced fluid treatment and can absorb up to 70 μg of plasmid DNA. Designed with two different washing fluids to completely remove residual proteins, it is suitable for the separation and purification of plasmid DNA in host bacteria from a variety of different sources. Starting bacterial culture dosage: 5-15 ml. Required instrument: Centrifuges suitable for use with 2 ml centrifuge tubes. On the basis of the traditional alkali cracking method to extract plasmids, combined with column purification nucleic acid technology, it is suitable for extracting plasmid DNA up to 70 μg from 5 to 15 ml bacterial cultures. The design of two different washing fluid wash purification columns, more thoroughly remove the various impurities contained in the bacteria, suitable for a variety of requirements of molecular biology experiments. Plasmids of up to 70 μg of high purity from 5-15 ml cultured overnight, with OD260/OD280 between 1.75 and 1.95 Purified plasmids can be used directly in conventional experiments such as automatic sequencing, enzymatic cutting, and marking. Examples Culture 14-hour DH5 alpha (carrying high copy of plasmid pGEM) bacteria liquid, after the mass extraction kit purification, add 100μl TE elution, dilution 10 times the UV spectrophotometer OD260/OD280 ratio and yield.