

Plasmid Extraction Kit

Product Information

Alias

Plasmid; Extraction Kit

productkeywords

Plasmid; Extraction Kit; Plasmid Kit; KIT-024

Product Overview

The Plasmid Kit was extracted by double Magnetic Beads Method using an improved SDS alkaline cleavage method, avoiding high-speed centrifugation or vacuum filtration, which could achieve rapid adsorption and removal of impurities and specific binding of plasmid DNA, respectively. This kit is suitable for extracting plasmids from 1-50mL Escherichia coli cultured overnight. The extracted plasmids can be used for molecular biology experiments such as sequencing, in vitro transcription and translation, restriction enzyme digestion, and bacterial transformation. The kit can be operated manually or combined with an automated nucleic acid extractor to achieve automated high-throughput extraction.

Storage

Storage at 2-8°C, do not freeze.

Product features

Using the plasmid Extraction Kit, plasmid extraction was performed on bacterial cultures of varying volumes. For small, medium, and large volume samples, the amount of plasmid extracted increased proportionally, and the purity was high with no non-specific bands.