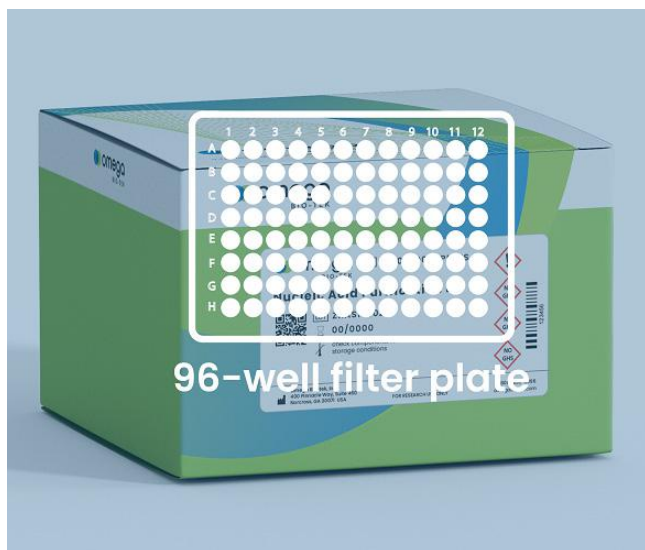


E-Z 96® FastFilter Plasmid DNA Kit



Specifications

For Research Use Only. Not for use in diagnostic procedures.

Features	Specifications
Downstream Application	Cloning; sanger sequencing etc.
Starting material	Per well: 1.0-1.5 mL LB culture with OD600 between 2 and 3; or equivalent
Plasmid type	High-copy, low-copy, cosmid DNA
Processing mode	96-well, centrifugation or vacuum
Throughput	96 samples per run
DNA binding technology	Silica 96-well plate
Lysate clearance method	Centrifugation or vacuum with lysate clearance plate
Processing time	<1 hour
Yield	15-25 µg for high copy-number; 0.1-5 µg for low copy-number
Special note	Lysate clearance plate for fast processing

Overview

The E-Z 96® FastFilter Plasmid Kit is optimized for the parallel preparation of up to 96 plasmid minipreps in 1 hour. The Lysate Clearance Plate replaces the time-consuming centrifugation involved in clearing of bacterial alkaline lysates. This kit contains all of the components needed for plasmid DNA purification in a 96-well format. Purified plasmid DNA is suitable for the most sensitive downstream applications, such as routine screening or automated DNA sequencing. The E-Z 96® Fastfilter Plasmid Kits newly designed 96-well DNA plates are ideal for use with automated liquid handlers.

Product Data

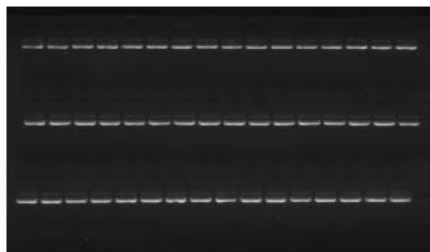


Figure 1. Plasmid DNA purified using the E-Z 96® FastFilter Plasmid Kit. DNA was isolated from 48 1 mL bacterial cultures grown overnight in LB culture using the E-Z 96® FastFilter Plasmid Kit and eluted in 150 µL elution buffer. Plasmid DNA (10% of total purified DNA) was analyzed on 1.0% agarose gel. Lanes 1-48 represent plasmid DNA from 48 different bacterial cultures.

- Clear lysate with E-Z 96® Lysate Clearance Plate
- No resin, slurries, or alcohol precipitation
- High-purity plasmid DNA in less than 1 hour
- Reproducible yields of molecular biology grade plasmid DNA
- Fast, easy and convenient protocols

Cat. No.	Description	UOM
ES52381-1	FastFilter Plasmid Kit, 1 x 96 preps	Each
ES52381-4	FastFilter Plasmid Kit, 4 x 96 preps	Each
ES52381-20	FastFilter Plasmid Kit, 20 x 96 preps	Each