

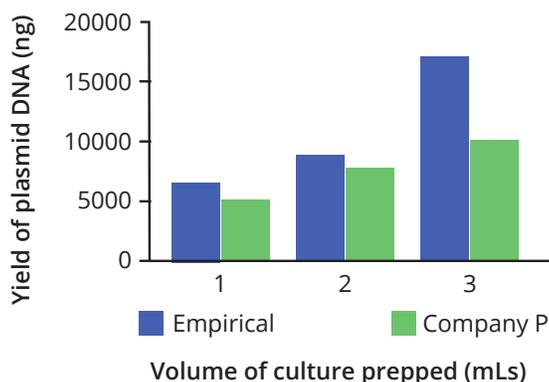
Plasmid Mini-Prep Kit

Enzymes and Reagents

PCR | qPCR | RT | Kits | Oligonucleotides



Empirical Bioscience Plasmid Mini-Prep Kit is designed for isolation of high-purity plasmid or cosmid DNA from only 1-3mL bacterial culture for subsequent amplification, sequencing, restriction digests, or transformations. The kit can either be used in micro-centrifuges or on vacuum manifolds. It enables the extraction of DNA up to 10 kb length and yields up to 20 µg DNA per preparation.



Plasmid isolation from overnight bacterial culture.

Using Empirical's Plasmid Mini-Prep Kit with only 3mL culture yields more high-quality plasmid than a leading competitor with 5mL culture.

Item Number	Preparations
PMK-50	50
PMK-250	250

Features

Smaller Volumes Necessary

- Only 1-3mL culture necessary.

pH Indicator Color Change

- Color change to bright yellow to indicate proper loading pH.

Versatile

- Centrifuge or vacuum manifold protocols can be used.

Up To 20ug From Only 3mL Culture Volume!

The lysis buffer contains an integrated pH indicator to easily control the optimal pH value for DNA binding. Efficient DNA binding (for Column Loading) requires a pH of 7.5 that is indicated by a color change of the buffer to bright yellow. An orange or violet color shows a pH >7.5 and indicates an inefficient DNA adsorption. In this case the mixture can be adjusted, and plasmid isolation will be efficient.

Kit Components:

- Lysis Buffer
- Neutralization Buffer
- RNase A
- Activation Buffer
- Washing Buffer
- Elution Buffer
- Spin Columns & Collection Tubes

Related Products:

- Taq DNA Polymerase
- Taq 2X MasterMix
- Taq 2X MeanGreen™ MasterMix
- FlashTaq HotStart™ DNA Polymerase
- FlashTaq HotStart™ 2X MasterMix
- FlashTaq HotStart™ 2X MeanGreen™ MasterMix
- 5X MeanGreen™ Buffer
- EasyLoad™ Low Range DNA Ladder
- EasyLoad™ Mid Range DNA ladder
- EasyLoad™ High Range DNA Ladder
- UltraPure dNTP Solution Mix, 10mM each
- UltraPure dNTP Solution Set, 100mM each



TO ORDER, REQUEST SAMPLES OR FOR MORE INFORMATION, CONTACT:

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