

## ✓ DESCRIPTION

The **EliGene® Plasmid DNA MiniPrep** provides a fast, simple and cost-effective plasmid miniprep method for routine molecular biology laboratory applications. **EliGene® Plasmid DNA MiniPrep** uses alkaline lysis procedure, followed by binding of plasmid DNA silica spin filter to remove proteins and low-molecular-weight impurities. Plasmid DNA isolated with **EliGene® Plasmid DNA MiniPrep** is immediately ready for use. The entire procedure can be completed in 35 minutes or less, depending on the number of samples processed. All reagents are ready for use and **EliGene® Plasmid DNA MiniPrep** includes all consumables.

## ✓ COMPARISON

Sample	Concentration (ng/μl)	Purity (A260/A280)
EliGene® Plasmid DNA MiniPrep	33	1,9
Compeptor „P“	22,5	1,8

Plasmid DNA was isolated from 1 ml of culture using **EliGene® Plasmid DNA MiniPrep** kit and commercial "P" kit. Concentration and purity were measured on a Qubit™ 4 Fluorometer instrument.





## ✓ ADVANTAGES

- Rapid Process of Plasmid DNA Extraction in 35 min
- Plasmid DNA is of high quality and purity
- Full package - contains all consumables, all solutions are ready to use
- Optimized buffers, no monitoring of pH required

## ✓ EASY PROTOCOL

### Bacterial pellet from 1-5 ml culture

Resuspension: 250 μl of EP1 Buffer  
 Lysis: 250 μl of EP2 Buffer  
 Neutralization: 350 μl of EP3 Buffer

-  **1.** Bind to the silica membrane
-  **2.** 1. Wash: 500 μl of EP4 Buffer  
2. Wash: 750 μl of EP5 Buffer
-  **3.** Elution: 50 μl of EP6 Buffer
-  **4.** Plasmid DNA

## CONTACT US

**ELISABETH PHARMACON**  
 ROKYCANOVA 4437/5, BRNO-ZIDENICE 615 00  
 CZECH REPUBLIC | +420 542 213 851  
[orders@elisabeth.cz](mailto:orders@elisabeth.cz) | [www.elisabeth.cz](http://www.elisabeth.cz)