

GREES MINIPREP KIT

General Rapid Easy Extraction System DNA Kit

Universal kit for Plasmid DNA extraction

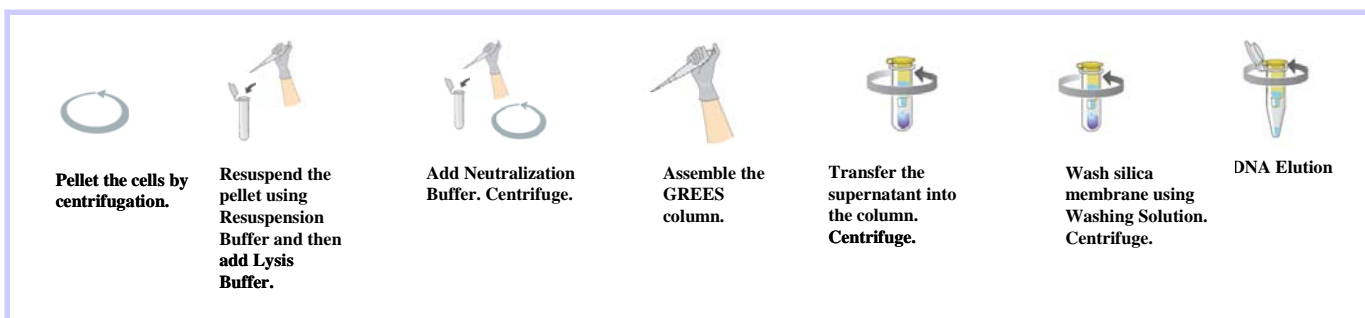
Product code: IC-02-0091 (100 extractions)

Introduction

GREES (General Rapid Easy Extraction System) DNA Miniprep Kit is designed for a quick extraction of different plasmid DNA from 1-5ml of bacterial cultures of *Escherichia coli*.

GREES DNA Miniprep kit combines the advantages of silica membrane technology, to purify the nucleic acids selectively, with functional spin columns. The system can be used in a microcentrifuges or any vacuum manifold with luer connectors.

An illustrative work scheme:



Technical features

Number of test	100 extractions
Kit content	Resuspension Buffer, Lysis Buffer, Neutralization Buffer, Wash Solution, Elution Solution, RNase A, GREES columns.
Functionality	the extraction systems provides a plasmid miniprep method suitable for routine molecular biology laboratory applications including: PCR analysis, sequencing, restriction enzyme digestion.
Yield	Plasmid yields varies depending on plasmid copy number per cell, growth conditions of bacterial cells, type of bacteria, presence of antibiotics, medium used for cultures growth. Usually, the yield varies from 2 to 20µg with a ratio A_{260}/A_{280} ranging from 1.7 to 1.9.
Time of execution	15 minutes for the processing of 1-10 samples simultaneously.