

Datasheet for ABIN1536554

Gel Extraction Kit (QuickClean II)

Overview

Quantity: 100 reactions

Application: DNA Extraction (DEx)

Product Details

Purpose: Extraction and purification of DNA from agarose gel.

Characteristics: QuickClean II Gel Extraction Kit offers a simple, rapid and effective method to extract and purify DNA from agarose gel in TAE or TBE buffers. This kit is designed to increase the recovery of DNA fragments from 60 bp to 23 kb DNA fragments which are purified from up to 3% standard or high/low-melt agarose using spin column. The extracted DNA can be used directly for kinds of downstream molecular biological experiments such as cloning, sequencing, restriction enzyme digestion and so on.

Application Details

Comment: Easy to Perform: Simple procedure to extract and purify DNA up to 23 kb from standard or high/low-melt agarose gels in TAE or TBE buffers.
Fast Preparation Time: Complete each QuickClean's simple and rapid procedure in 8 minutes.
High Binding Capacity: The maximum amount of the sample per spin column is 400 mg gel slice. The recovery rates are up to 90% for the 100 bp – 3 kb DNA fragments size range.
High Purity: The kit completely removes nonnucleic acid contaminants and inhibitors, such as agarose, proteins, salts, and ethidium bromide during washing process.

Restrictions: For Research Use only

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)