

## Universal DNA Purification Kit

—High-throughput purification of 100 bp-10 kb DNA fragments

### Cat. No:

4992196

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### Packing Size:

50 preps

200 preps

### Description:

The Universal DNA Purification Kit adopts a unique buffer system and the spin column to purify DNA from agarose gel or solution (PCR products, enzymatic reaction, etc.) rapidly and high-effectively. This kit is effective for any type of agarose in either TAE or TBE buffer. Buffer PC contains a pH indicator, allowing determination of the optimal pH for DNA binding. DNA fragments ranging from 100 bp to 8 kb could be effectively purified by using a specially developed spin column CB2. The purification efficiency is more than 80%. DNA fragments purified with Universal DNA Purification Kit can be used directly in downstream applications such as restriction enzyme digestion, PCR amplification, sequencing, hybridization, cloning ligation, etc.

### Product Details

#### Features:

- Excellent compatibility :The needs of purification of DNA fragments from both gels and solutions can be fulfilled.
- Easy to operate: The gel can be lysed by adding the equal amount of lysis buffer and even large gel can be recovered.
- Stable process: The pH indicator allows the easy determination of the optimal pH for DNA binding, which improves the recovery efficiency.

#### pH Indicator Dye:

pH Indicator Dye: Easy visual determination of optimal pH for DNA adsorption.

DNA adsorption requires  $\text{pH} \leq 7.5$ , and the pH indicator in Buffer PC will appear yellow in this range. If the solution is orange or violet, add 10  $\mu\text{l}$  3M  $\text{CH}_3\text{COONa}$  (pH 5.0) until the solution becomes yellow.