

Gel and PCR Clean-up Kit

For extraction of DNA from agarose gels, or clean-up of PCR products and restriction enzyme digestions

Catalog #79030 1 Kit 250 Preps



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Product Description

The Gel and PCR Clean-up Kit uses a membrane-based system to quickly purify DNA fragments of 100 bp to 10 kb in length from agarose gel slices, or directly from the products of enzymatic reactions such as polymerase chain reaction (PCR) amplification or restriction digestion. The kit efficiently removes enzymes, nucleotides, salts, and other impurities from the DNA sample. The purified DNA is directly suitable for applications such as automated fluorescent DNA sequencing, cloning, labeling, restriction enzyme digestion, or in vitro transcription. Up to 40 µg of DNA can be processed per column in as little as 20 minutes and eluted in volumes as low as 15 µL, with up to 95% recovery depending on DNA fragment length. The Gel and PCR Clean-up Kit can be used to purify linear DNA fragments, supercoiled plasmid DNA, or single-stranded DNA (circular or linear).

Component Information

The following components are sold as a complete kit (Catalog #79030) and are not available for individual sale.

COMPONENT NAME	COMPONENT #	SIZE	STORAGE	SHELF LIFE
DNA Minicolumns	79031	250 Columns	Store at 15 - 25°C.	Not applicable.
Collection Tubes	79032	250 Tubes	Store at 15 - 25°C.	Not applicable.
Membrane Wash Solution	79033	75 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
Membrane Binding Solution*	79034	100 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
Nuclease-Free Water	79035	13 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.

*Please refer to the Safety Data Sheet (SDS) for hazard information.

Directions for Use

For complete instructions, refer to the Technical Manual: DNA Purification Using the Gel and PCR Clean-up Kit (Document #1000005433) available at www.stemcell.com or contact us to request a copy.

Related Products

For related products, including other genome editing tools, specialized cell culture and storage media, supplements, antibodies, cytokines, and small molecules, visit www.stemcell.com or contact us at techsupport@stemcell.com.

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