

Genomic DNA Purification Kit

For purification of genomic DNA from cells or tissue

Catalog #79020 1 Kit 250 Preps



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Product Description

The Genomic DNA Purification Kit uses a membrane-based system to quickly purify high-quality genomic DNA that is suitable for downstream applications such as agarose gel electrophoresis, restriction enzyme digestion, and PCR analysis. Genomic DNA can be purified from cells in as little as 20 minutes. Using a microcentrifuge, up to 20 mg of tissue (mouse tail or animal tissue) or between 1×10^4 to 5×10^6 cells can be processed per purification.

NOTE: Genomic DNA purification from tissue requires overnight digestion with Proteinase K Solution (Catalog #79016) prior to purification.

Component Information

The following components are sold as a complete kit (Catalog #79020) and are not available for individual sale.

COMPONENT NAME	COMPONENT #	SIZE	STORAGE	SHELF LIFE
DNA Minicolumns	79021	250 Columns	Store at 15 - 25°C.	Not applicable.
Collection Tubes	79022	250 Tubes	Store at 15 - 25°C.	Not applicable.
Column Wash Solution	79023	185 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
Tissue Lysis Solution	79024	50 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
RNase A Solution*	79025	1 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
Nuclease-Free Water	79026	150 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
EDTA**	79027	30 mL	Store at 15 - 25°C.	Stable until expiry date (EXP) on kit box label.
Lysis Buffer*	79028	50 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.

† 0.5 M, pH 8.0

Directions for Use

For complete instructions, refer to the Technical Manual: DNA Isolation Using the Genomic DNA Purification Kit (Document #1000005432) 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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