

Time for change.

Monarch™ Nucleic Acid Purification

Monarch™ kits provide fast and reliable purification of high quality DNA from bacterial cultures, agarose gels, and enzymatic reactions using best-in-class technology. Our unique column design offers elution in lower volumes than standard purification kits, providing concentrated, high quality DNA suitable for use in downstream applications such as DNA sequencing, PCR, restriction enzyme digests and other enzymatic manipulations. Our column design also eliminates buffer retention and the risk of carryover contamination, providing fast, worry-free DNA purification. Designed with sustainability in mind, Monarch kits use significantly less plastic and responsibly-sourced packaging.

It's time to transform your DNA purification experience!

Monarch Kits for your DNA cleanup and gel purification needs:



Monarch™ DNA Gel Extraction Kit #T1020

The Monarch™ DNA Gel Extraction Kit can be used to quickly purify DNA from agarose gels. Unlike other kits, there is no need to add isopropanol to the melted agarose prior to loading on the column, saving you a step.



Monarch™ PCR & DNA Cleanup Kit (5 µg) #T1030

The Monarch™ PCR & DNA Cleanup Kit (5 µg) can be used to purify DNA from a variety of enzymatic reactions, such as PCR, restriction digestion, ligation and reverse transcription. The DNA Wash Buffer provided ensures enzymes, short primers (≤ 25 nt), detergents and other low-molecular weight reaction components (e.g., nucleotides, DMSO, betaine) are removed.

ADVANTAGES

- Elute in as little as 6 µl
- Prevent buffer retention and salt carry-over with optimized column design
- Save time with fast, user-friendly protocols



Monarch™ Plasmid Miniprep Kit #T1010

The Monarch™ Plasmid Miniprep Kit is a rapid and reliable method for the purification of high quality plasmid DNA. This method employs standard cell resuspension, alkaline lysis, and neutralization steps, with the additional benefit of color indicators at certain steps to easily monitor completion. Unique wash buffers ensure salts, proteins, RNA and other cellular components are removed, allowing low-volume elution of concentrated, highly pure DNA. Protocols provided have 7 minutes less spin and incubation time than the equivalent Qiagen® kit. Elution in as little as 30 µl provides concentrated DNA for use in downstream applications, such as restriction digests, DNA sequencing, PCR and other enzymatic manipulations.

ADVANTAGES

- Elute in low volumes
- Prevent buffer retention and salt carry-over with optimized column design
- Reduce hands on time with faster protocols and less spin time
- Monitor completion of certain steps using colored buffer system
- No need to add RNase before starting
- Easily label columns using tab and frosted surfaces

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Request a free sample from your Territory Manager.

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