



SorbElut™

**The optimum
in SPE
extraction disc
technology**

Quality Chromatography Product

Introduction

Unmatched Purity and Yield: Molpure's SorbElut™ extraction spin columns provide an innovative silica membrane solution for isolating genomic or plasmid DNA from various samples. Our mini columns use silica gel membrane micro fiberglass filter membrane bonding chemistries, making them compatible with most commercially available kits for ease of use and versatility in research. The columns feature durable polypropylene construction and a unique silica-based glass microfiber matrix for efficient nucleic acid binding.

Versatility for Any Sample: Our spin columns are designed to seamlessly integrate into your existing workflows. They are compatible with a wide range of sample types, including blood, tissue, and other biological materials, as well as commercially available buffer reagents.

Our innovative silica membrane technology delivers at least 20% higher DNA recovery and exceptional purity compared to leading industry brands, ensuring reliable downstream applications.



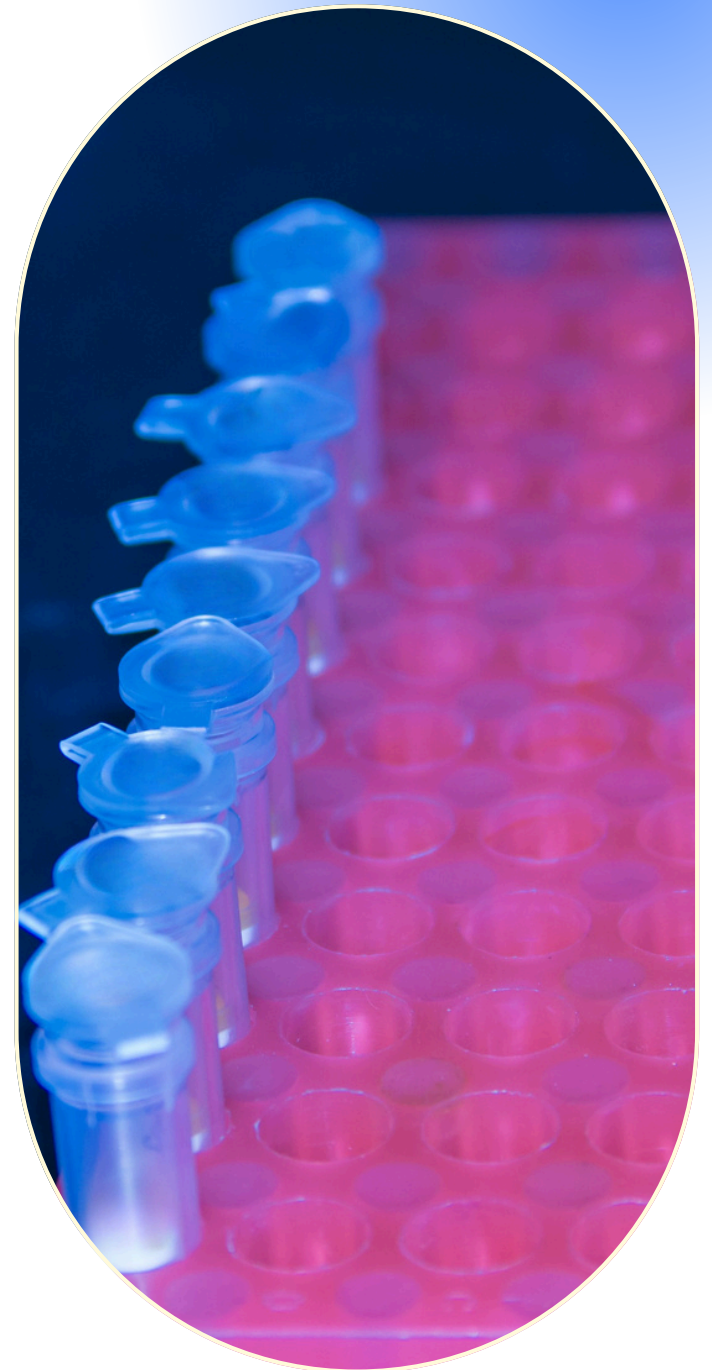
Extract DNA in three simple steps!

To use a SorbElut™ Spin Columns:

Wash: The DNA sample is loaded onto the column in a high salt buffer.

Bind: The column is then spun down, which causes the DNA to bind to the membrane. The column is then washed with a buffer that contains a lower salt concentration. This washes away any unbound contaminants, such as proteins, salts, and RNA.

Elut: The DNA is then eluted from the column using a buffer that is free of chaotropic salts. This results in a highly pure DNA sample that is ready for downstream applications, such as PCR.



DNA Extraction:

Lyse, Wash, and Elute.

