



## UltraClean™ GelSpin™ DNA Extraction Kit

For fast and easy 5 minute DNA extraction from gels

### DESCRIPTION

The UltraClean™ GelSpin™ DNA Extraction Kit utilizes a silica-based spin filter membrane to isolate DNA from agarose gels. After electrophoresis, the desired DNA band is cut from the agarose gel and placed directly in the spin filter column. The kit uses a very simple technique to melt the gel, bind the DNA, wash it and recover it.

Popular uses include purification from restriction digests, sequencing reactions (dye removal), radioactive and non-radioactive labeling reactions. This kit also removes all gel stains like ethidium bromide, SYBR® Green and xylene cyanol. The DNA is immediately ready to use for restriction digest, ligation, labeling, or PCR.

DNA	% Recovery
60 bp	75%
100 bp	80%
300 bp	100%
500 bp	95%
10 kb	90%
50 kb	80%

Specifications	
Format	Silica Spin Filter Tubes
DNA Size Range	60 bp - 50 kb
Binding Capacity	20 µg DNA
Throughput	1 - 24 samples
Time	5 minutes

### REFERENCES:

- Corral, J., J. Aznar, R. Gonzalez-Conejero, P. Villa, A. Miriano, A. Vayá, R. W. Carrell, J.A. Huntington, and V. Vicente (2004). *Circulation* 110: 1303-1307.
- Payne, K.J., G. Huang, E. Sahakian, J.Y. Zhu, N.S. Barteneva, L.W. Barsky, M.A. Payne, and G.M. Crooks (2003). *Journal of Immunology* 170: 3091-3098.

### RELATED PRODUCTS YOU MAY NEED

TAE Buffer, 50X (Tris-acetate-EDTA)  
TBE Buffer, 10X (Tris-borate-EDTA)  
DNA Molecular Weight Markers  
Mini Horizontal Gel System

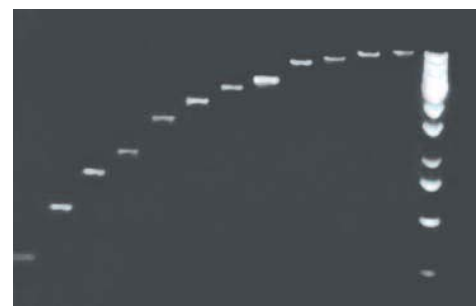
UltraClean™ GelSpin™ DNA Extraction Kit	
Catalog No.	Quantity
12400-50	50 preps
12400-100	100 preps
12400-250	250 preps



### Features and Benefits

- Purifies DNA from agarose gels in as little as 5 minutes
- Utilizes a simple method to remove ethidium bromide, linkers and labels
- Simply melt, bind, wash and collect DNA

1 2 3 4 5 6 7 8 9 10 11 12 13



### Reliable Recovery Across a Broad Size Range

DNA fragments in Lanes 1-12 were recovered from a 100 bp DNA ladder (Lane 13) with the UltraClean™ GelSpin™ DNA Extraction Kit.

ORDER NOW

**MO BIO**  
Laboratories, Inc.

www.mobio.com

Orders: orders@mobio.com

Toll Free: 800-606-6246

Phone: 760-929-9911

Fax: 760-929-0109

Technical Service: technical@mobio.com