

Resource Summary Report

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SpinSmart PCR Purification and Gel Purification Procedures

DOI:10.17504/protocols.io.gr6bv9e

Type: Protocol

Proper Citation

Denville Scientific 2016. SpinSmart PCR Purification and Gel Purification Procedures. protocols.io dx.doi.org/10.17504/protocols.io.gr6bv9e

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.gr6bv9e>

Authors: Denville Scientific

Group: Denville Scientific, Inc.

Summary: The SpinSmart PCR purification and gel extraction technologies utilize a lysis buffer containing chaotropic salts that allow DNA to bind to a silica membrane. Binding buffer PCR 1 is added to a PCR reaction or agarose gel slice; the mixture is subsequently loaded directly onto SpinSmart PCR Columns. Salts, enzymes, and other soluble components are washed away with ethanolic PCR 2 Wash buffer. Purified DNA is eluted using PCR 3 Elution buffer (5 mM Tris/HCl, pH 8.5). Please follow one of the protocols below, depending on whether you are doing a DNA gel extraction or PCR purification.

External URL: <https://www.denvillescientific.com/products/spinsmart%E2%84%A2-pcr-purification-gel-extraction-columns-only--with-collection-tubes--50-per-pack>

Version: 1

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