

SpinSmart PCR Purification and Gel Purification Procedures

Denville Scientific

Abstract

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.

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 **PROTOCOLS**

1. [SpinSmart DNA Extraction From Agarose Gels Protocol](#)

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2. [SpinSmart PCR Clean-up Protocol](#)

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