XNAPR REDExtract-N-Amp™ Plant PCR Kit

sufficient for 1000 extractions, sufficient for 1000 amplifications

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**Components**

- Kits contain Dilution solution, Extraction solution, and REDExtract-N-Amp PCR Reaction Mix.

**Other Notes**

- For additional information, please see [www.sigma-aldrich.com/extract-n-amp](http://www.sigma-aldrich.com/extract-n-amp).

**Features and Benefits**

- Single-step extraction of plant genomic DNA for PCR in less than 15 minutes
- No freezing, mechanical disruption, organic extraction, column purification or precipitation required
- Specially formulated PCR ReadyMix for use with extract
- Hot Start antibody for highly specific PCR amplification of genomic DNA
- REDExtract-N-Amp requires no loading buffers or tracking dyes required for gel analysis
- Compatible with high-throughput requirements for genetic analysis of plants
- Extract stable at 4 °C for at least 6 months (Fig. 3)

**General description**

The REDExtract-N-Amp Plant PCR Kits contain all the reagents necessary to rapidly extract genomic DNA from plant leaves and amplify targets of interest by PCR. The REDExtract-N-Amp PCR ReadyMix contains a dye that acts as a tracking dye and allows for convenient direct loading of PCR reactions onto agarose gels for analysis.

**Legal Information**

Purchase of these products is accompanied by a limited license for use in the Polymerase Chain Reaction (PCR) process for research purposes only and in conjunction with a thermal cycler whose use in the automated performance of the PCR process is covered by an up-front license fee, either by payment to Applied Biosystems or as purchased, i.e., and authorized thermal cycler. Antibody licensed for *in vitro* research use under U.S. Patent No. 5,338,671 and 5,587,287, and corresponding patents in other countries.

**Properties**

- **usage**
  - sufficient for 1000 amplifications
  - sufficient for 1000 extractions
- **storage temp.**
  - ~20°C

**References**

Reference

Safety
Risk Statements 36/37/38
Safety Statements 26-36
Related Products
Related product XNAPRG, SYBR® Green Extract-N-Amp™ Plant PCR Kit
XNAR, Extract-N-Amp™ Plant PCR Kit

Related Categories
... Automation Reagents
... Genomic DNA Purification > from Plant
... Genomic DNA Amplification > from Plant
... Genome Mapping and Genotyping > Kits for Genotyping


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