

Canvax™ HigherPurity™ Plant DNA & RNA Purification Kit

About us

Since 2001, Canvax has been an original Manufacturer & Supplier of the Most Innovative, **Enzymes, Kits, Buffers and Reagents**. Due our customizable and adaptable manufacturing structure, reduced overhead and capacity to BULK manufacturing with the highest quality standards, we are **leading the Life Science industry in terms of product performance, manufacturing capabilities and customer-service**.

Quality & Certifications

As a leading reagent manufacturer, we are proud of our **first-class manufacturing facilities**, located in Valladolid (Spain) with a total area of 3,400m², specifically **designed for production Enzymes, Buffers and Kits on commercial scale**. Canvax operates in its first-class facilities under certified:

- >> **ISO 9001:2015**.
- >> **ISO 13485:2016** for the Research use Raw Materials and Ancillary Reagents.
- >> **cGMP**, current Good Manufacturing Practice and in continuous improvement according to ICH Q7.

DNA & RNA Extraction Kits

Canvax™ Extraction Kits are designed for a Reliable, Easy & Fast Purification of High-Quality/High-Purity Genomic DNA/RNA from 25+ different starting materials, like **Blood, Buccal Swab, Buccal Saliva, Tissues, Cultured Cells, Stool samples, Plant tissues, Soil samples, Bacteria, Yeast, Plasmid, PCR mixtures, Agarose gel slices or Serum**. Canvax™ Breakthrough and Proprietary Technologies HigherPurity™, CleanEasy™ and WideUSE™ improves the most common Extraction methods, conferring the obtained DNA and RNA an Enhanced Performance for all downstream Applications, such as PCR, qPCR, NGS, Cloning, STR Analysis or Gene Expression.

HigherPurity™ Plant DNA Purification Kit

HigherPurity™ Plant DNA Purification Kit offers a Highly Efficient, Convenient & Rapid method for Purification of Total DNA from a wide variety of Plant Tissues in **MiniSpin Column Format**. The kit uses HigherPurity™ optimized technology based in DNA ability to bind silica in the presence of high concentrations of chaotropic salts.



Benefits & Advantages:

- >> **Highly Efficient:** average yields up to 5-40 µg of Total DNA
- >> **Pure genomic DNA:** ready-to-use in all Molecular Biology applications, such as: RT-PCR, Southern Blotting or RFLP.
- >> **Really Easy & Fast procedure:** it takes 56 minutes to get results with minimal handling steps, even from difficult samples.
- >> **Versatile:** high quality DNA obtained from a wide types of plants.
- >> **Convenient:** includes all necessary components for DNA Purification.
- >> **Safe:** avoids phenol-chloroform extraction, centrifugation with CsCl gradients or precipitation with LiCl.
- >> **A260nm/A280nm Ratio:** of 1.7-1.9.

HigherPurity™ Plant RNA Purification Kit

HigherPurity™ Plant RNA Purification Kit offers a Highly Efficient, Easy & Rapid method for Purification of Total RNA from a wide variety of Plant Tissues in **MiniSpin Column Format**. The kit uses HigherPurity™ optimized technology based in RNA ability to bind silica in the presence of high concentrations of chaotropic salts.



Benefits & Advantages:

- >> **Highly Efficient:** average yields up to 30 µg of Total RNA.
- >> **Pure RNA obtained:** ready-to-use in all Molecular Biology Applications, such as: RT-PCR or Northern Blotting.
- >> **Easy & Fast Procedure:** it takes 28 minutes, with minimal handling.
- >> **Convenient:** includes all necessary components for RNA Purification.
- >> **Safe:** avoids phenol-chloroform extraction, centrifugation with CsCl gradients or precipitation with LiCl.
- >> **A260nm/A280nm Ratio:** of 1.9-2.1.

Ordering info:

Description	Cat. No.	Size
HigherPurity™ Plant DNA Purification Kit	AN0110	50 rxn
	AN0112	100 rxn
	AN0112-XL	250 rxn
HigherPurity™ Plant RNA Purification Kit	AN0100	50 rxn
	AN0102	100 rxn
	AN0102-XL	250 rxn

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Prices valid until December 31th, 2023. Taxes and transport not included.

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