

Plant Total RNA Isolation Kit Plus



PRODUCT INTRODUCTION

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Plant Total RNA Isolation Kit Plus

Complete the test within 30 minutes

The kit uses the spin column and formula developed by Foregene, which can efficiently extract high-purity and high-quality total RNA from various plant tissues with high polysaccharides or polyphenols content. It provides the DNA-Cleaning column that can easily remove genomic DNA from the supernatant and tissue lysate. RNA-only column can effectively bind RNA. The kit can process a large number of samples at the same time. The entire kit does not contain RNase, so the purified RNA will not be degraded. Buffer PRW1 and Buffer PRW2 can ensure that the RNA obtained is not contaminated by protein, DNA, ions, and organic compounds.



Biofargo

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Plant Total RNA Isolation Kit Plus

50 Tests/200 Tests Box



Product Components

- ◆ Buffer PSL1, Buffer PS, Buffer PSL2
- ◆ Buffer PRW1, Buffer PRW2
- ◆ RNase-Free ddH₂O, DNA-Cleaning Column
- ◆ RNA-Only Column

Ordering Information

Product Name	Ref No.	Specifications	Description
Plant Total RNA Isolation Kit Plus	RE-05021	50Preps	Rapid purification of high-quality total RNA from plant samples with high content of polysaccharide polyphenols
Plant Total RNA Isolation Kit Plus	RE-05024	200Preps	

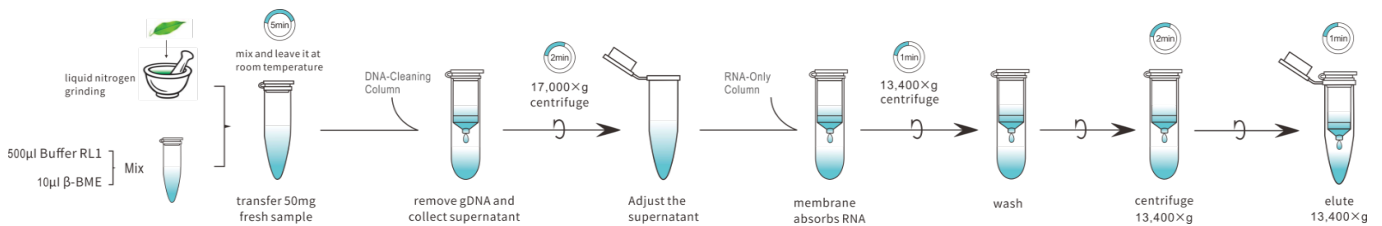
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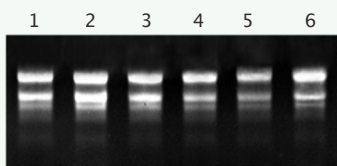
Features & Advantages

- △ Particularly suitable for the purification of RNA from plant samples with low polysaccharides and polyphenols content.
- △ No need to worry about RNA degradation. The whole system is RNase-Free
- △ Effectively remove DNA using DNA-Cleaning Column
- △ Remove DNA without adding DNase
- △ Simple—all operations are completed at room temperature
- △ Fast—operation can be completed in 30 minutes
- △ Safe—no organic reagent used
- △ High quality—the purified RNA is highly pure, free of protein and other impurities, and can meet various downstream experimental applications.

Operation Process



Experimental Result



Plant Total RNA Isolation Kit

50mg of fresh plant leaves were treated and 5% purified RNA electrophoresis.

1:tobacco 2:tomato 3:soybean 4:Corn 5:rape 6:rice

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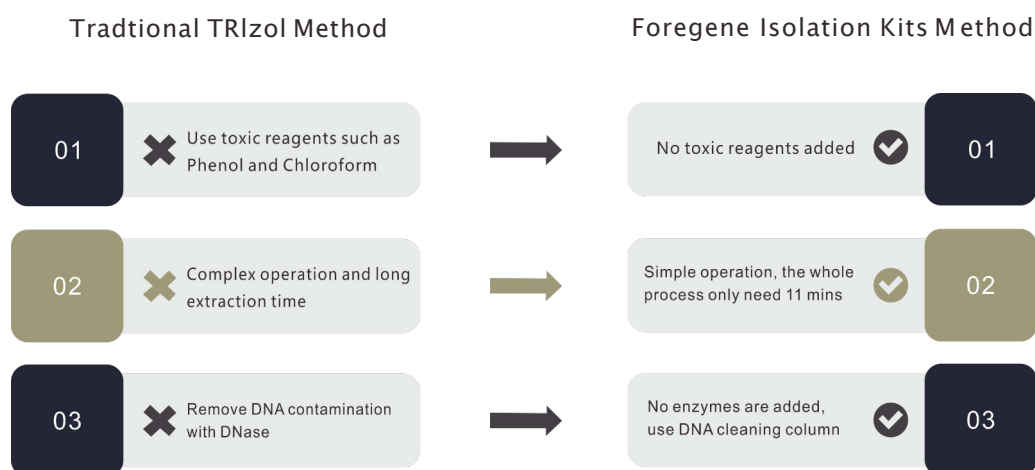
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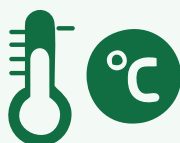
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Advantages of Foregene RNA Isolation Kit



Preservation Conditions



The kit can be stored for 24 months at room temperature (15-25°C), or 2-8°C for long time. Buffer PSL1 can be stored at 4°C for 1 month after adding β -mercaptoethanol (it is recommended to add it at the same time as the experiment).

Product Application

**Plant Total RNA Isolation Kit Plus:*

It is suitable for the extraction and purification of total RNA from fresh or frozen plant tissue samples (especially fresh plant leaf tissue) with high polysaccharide or polyphenol content.

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References

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IF:5.537(Foregene #RE-05011)

Shah Kamran, An Na, Kamanova Svetlana, et al. Regulation of Flowering Time by Improving Leaf Health Markers and Expansion by Salicylic Acid Treatment: A New Approach to Induce Flowering in *Malus domestica*. *Front. Plant Sci.*, 2021 July 19. doi:10.3389/fpls.2021.655974.

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IF:3.3(Foregene #RE-06114)

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COMPANY PROFILE

BIOFARGO

Biofargo, founded in 2021 in Ashland, Virginia under Empriza Biotech Inc., offers professional laboratory equipments and supplies to our clients around the United States. With our team of in-house laboratory specialists and cutting-edge bio-science technology from our global team, we aim to provide our clients with the best one-stop shopping experience, including our professional expertise, excellent ease of purchase, and a dedicated and attentive customer relation building team to meet their specific needs.

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