

Animal Total RNA Isolation Kit



PRODUCT INTRODUCTION

BIOFARGO

Animal Total RNA Isolation Kit

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 animal tissues. 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 system does not contain RNase, so the purified RNA will not be degraded. Buffer RW1 and Buffer RW2 can ensure that the RNA obtained is not contaminated by protein, DNA, ions, and organic compounds.



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Animal Total RNA Isolation Kit

Complete the test within 30 minutes



Product Components

- ◆ Buffer RL1
- ◆ Buffer RL2
- ◆ Buffer RW1
- ◆ Buffer RW2
- ◆ RNase-Free ddH₂O
- ◆ DNA-Cleaning Column
- ◆ RNA-only Column

Ordering Information

Product Name	Ref No.	Specifications	Description
Animal Total RNA Isolation Kit	RE-03011	50Preps	Rapidly obtain high quality RNA from various animal tissues
Animal Total RNA Isolation Kit	RE-03014	200Preps	

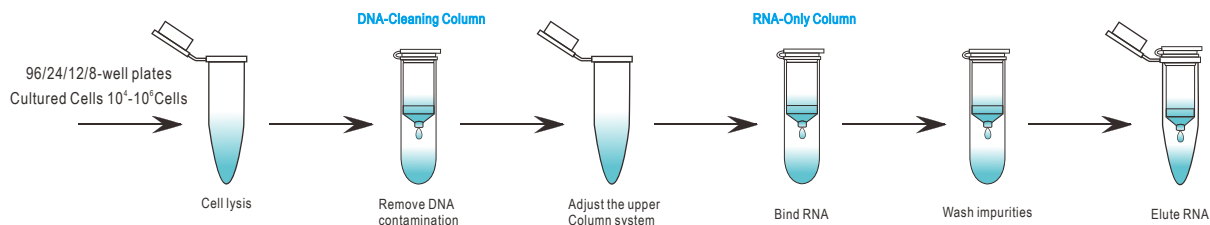
PRODUCT INTRODUCTION

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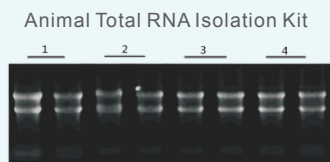
Animal Total RNA Isolation Kit Characteristic

- △ No need to worry about RNA degradation; the whole system is RNase-Free
- △ Effectively remove DNA-using DNA-Cleaning Column without adding DNase
- △ Simple-all operations are completed at room temperature
- △ Fast -operation can be completed in 30 minutes
- △ Safe-no organic reagent required
- △ High purity -OD260/280≈1.8-2.1

Operation Process



Experimental Result

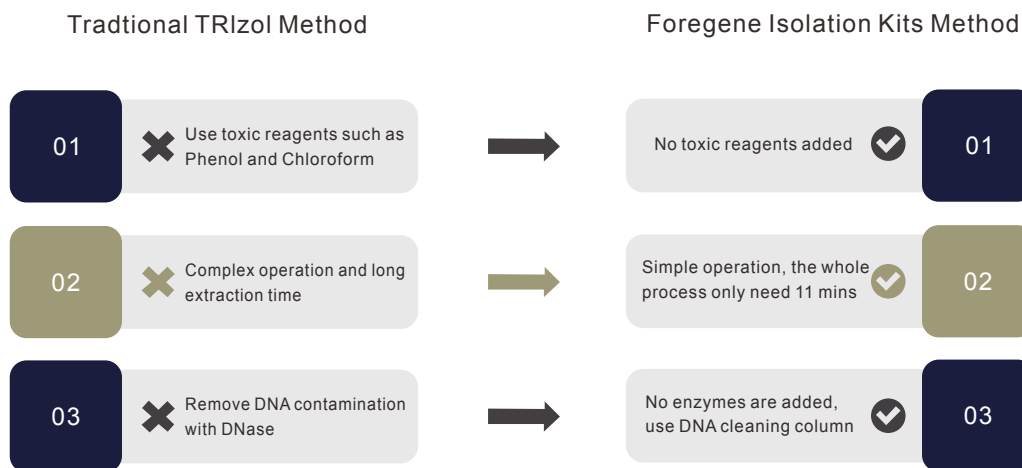


RNA agarose gel electrophoresis(1%).
RNA were extracted from 20mg fresh mouse tissues
by Animal Total RNA Isolation Kit.
1: Spleen 2: Kidney 3: Liver 4: Heart

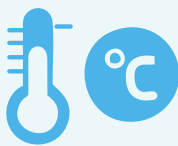
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Advantages of Foregene RNA Isolation Kit



Preservation Conditions



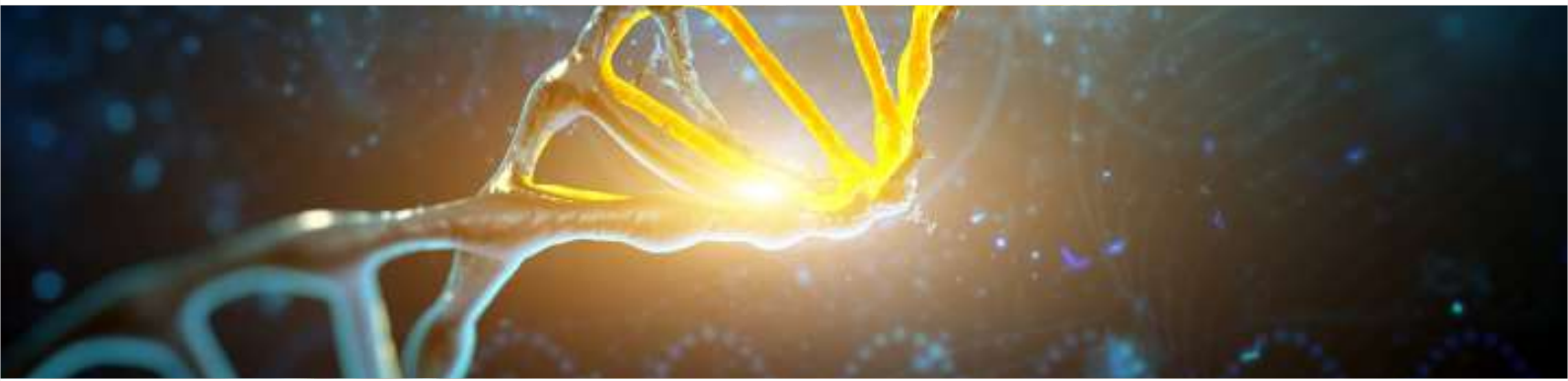
The kit can be stored for 12 months at room temperature (15–25 °C) or 2–8 °C for longer time (24 months).
Buffer cRL1 can be stored at 4 °C for 1 month after adding 2-hydroxy-1-ethanethiol (optional).

Product Application

**Animal Total RNA Isolation Kit:*

It is suitable for the extraction and purification of total RNA from a variety of fresh or frozen animal tissues or cultured cells.

Cell Total RNA Isolation Kit



PRODUCT INTRODUCTION

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Cell Total RNA Isolation Kit

Complete the test within 30 minutes

This kit uses the spin column and formula developed by Foregene, which can efficiently extract high-purity and high-quality total RNA from cells cultured in 96, 24, 12, and 6-well plates. The kit provides an efficient DNA-Cleaning Column, which can easily separate the supernatant and cell lysate, bind and remove genomic DNA. The operation is simple and time-saving; the RNA-only Column can efficiently bind RNA with a unique formula. A large number of samples can be processed simultaneously.

The whole system is RNase-Free, so that the purified RNA is not degraded; the buffer RW1, buffer RW2 Buffer washing system guarantee the obtained RNA free of protein, DNA, ion, and organic compound pollution.



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Cell Total RNA Isolation Kit

50 Tests/200 Tests Box



Product Components

- ◆ *buffer cRL1*
- ◆ *buffer cRL2*
- ◆ *buffer RW1*
- ◆ *buffer RW2*
- ◆ *RNase-Free ddH₂O*
- ◆ *DNA-Cleaning Column*
- ◆ *RNA-only Column*

Ordering Information

Product Name	Ref No.	Specifications	Description
Cell Total RNA Isolation Kit	RE-03111	50Preps	High-quality RNA can be extracted from various cultured cells in 11 minutes
Cell Total RNA Isolation Kit	RE-03113	200Preps	

PRODUCT INTRODUCTION

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Cell Total RNA Isolation Kit Characteristic

△ The whole process is operated at room temperature (15-25°C), without ice bath and low temperature centrifugation.

△ The whole kit is RNase-Free, no need to worry about RNA degradation.

DNA-Cleaning Column specifically binds DNA, so that the kit can remove genomic DNA contamination without adding additional DNase.

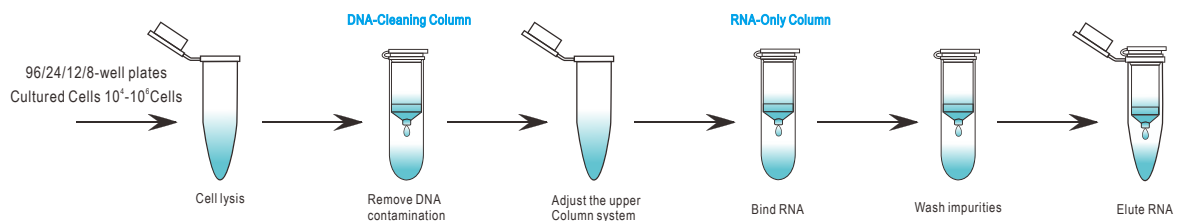
△ High RNA yield: RNA-only Column and unique formula can efficiently purify RNA.

△ Fast speed: easy to operate and can be completed in 11 minutes.

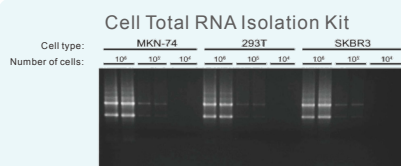
△ Safety: No organic reagent is required.

△ High quality: The purified RNA is of high purity, free of protein and other impurities, and can meet various subsequent experiments.

Operation Process



Experimental Result



RNA agarose gel electrophoresis(1%)

RNA were extracted from different number of cell by Cell Total RNA Isolation Kit .

Elution volume 20ul, loading volume 2ul

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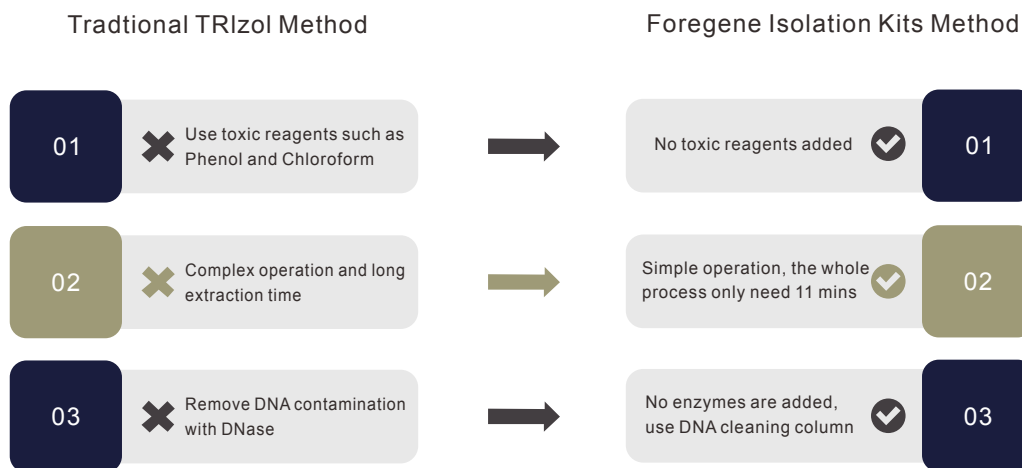
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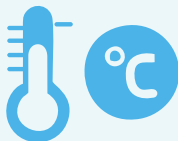
PRODUCT INTRODUCTION

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Advantages of Foregene RNA Isolation Kit



Preservation Conditions



The kit can be stored for 12 months at room temperature (15–25 °C) or 2–8 °C for longer time (24 months).
buffer cRL1 can be stored at 4 °C for 1 month after adding 2-hydroxy-1-ethanethiol (optional).

Product Application

*Cell Total RNA Isolation Kit:

It is suitable for extraction and purification of total RNA from cultured cells in 96, 24, 12, and 6-well plates.

Plant Total RNA Isolation Kit



PRODUCT INTRODUCTION

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Plant Total RNA Isolation Kit

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 low polysaccharides and polyphenols content. For plant samples with high polysaccharides or polyphenols content, it is recommended to use Plant Total RNA Isolation Plus Kit to get better RNA extraction results. The kit 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 system 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.



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Plant Total RNA Isolation Kit

50 Tests/200 Tests Box



Product Components

- ◆ Buffer PRL1, Buffer PRL2
- ◆ Buffer PRW1, Buffer PRW2
- ◆ RNase-Free ddH₂O, DNA-Cleaning Column
- ◆ RNA-Only Column
- ◆ Instructions

Ordering Information

Product Name	Ref No.	Specifications	Description
Plant Total RNA Isolation Kit	RE-05011	50Preps	Quickly purify high-quality total RNA from a variety of plant samples with low polysaccharide polyphenol content.
Plant Total RNA Isolation Kit	RE-05014	200Preps	

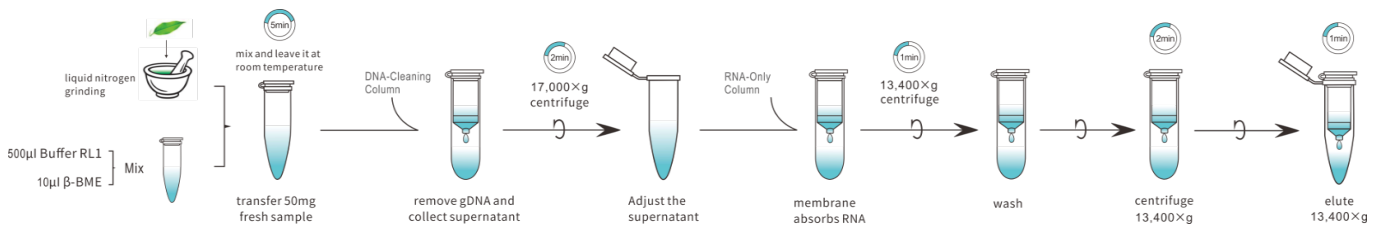
PRODUCT INTRODUCTION

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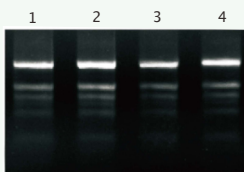
Features & Advantages

- △ 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 Plus

Treated plant fresh leaves with polysaccharide polyphenols

50mg, Take 5% purified RNA for electrophoresis.

1:banana 2:ginkgo 3:cotton 4:pomegranate

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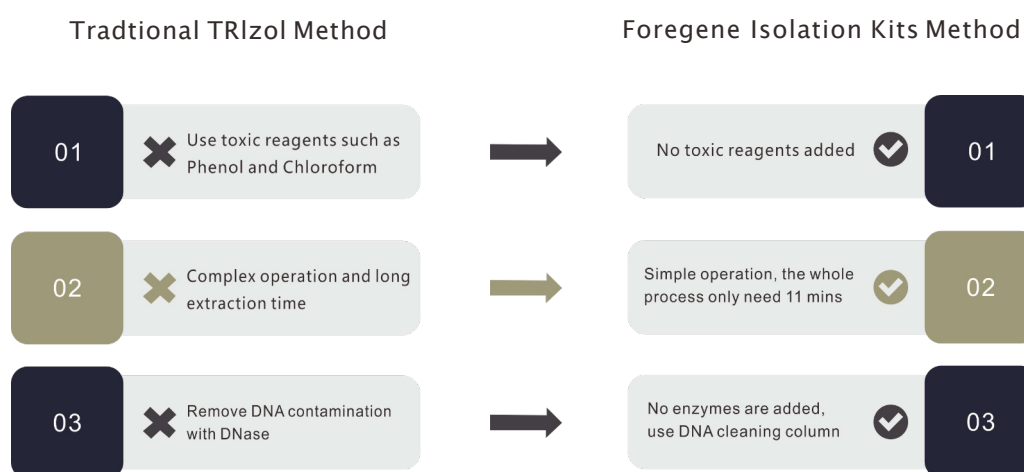
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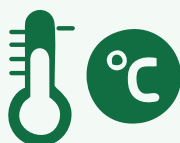
PRODUCT INTRODUCTION

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Advantages of Foregene RNA Isolation Kit



Preservation Conditions



The kit can be stored for 12 months at room temperature (15–25 °C) or 2–8 °C for longer time(24 months).

Buffer cRL1 can be stored at 4 °C for 1 month after adding 2-hydroxy-1-ethanethiol(optional).

Product Application

**Plant Total RNA Isolation Kit:*

It is suitable for the extraction and purification of total RNA from fresh or frozen plant.

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.



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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	

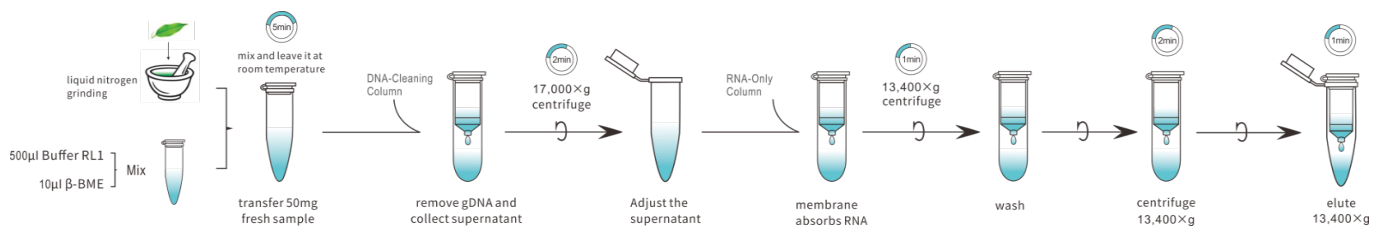
PRODUCT INTRODUCTION

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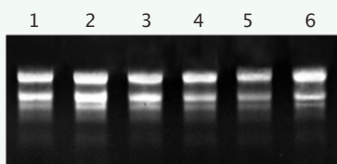
Features & Advantages

- △ 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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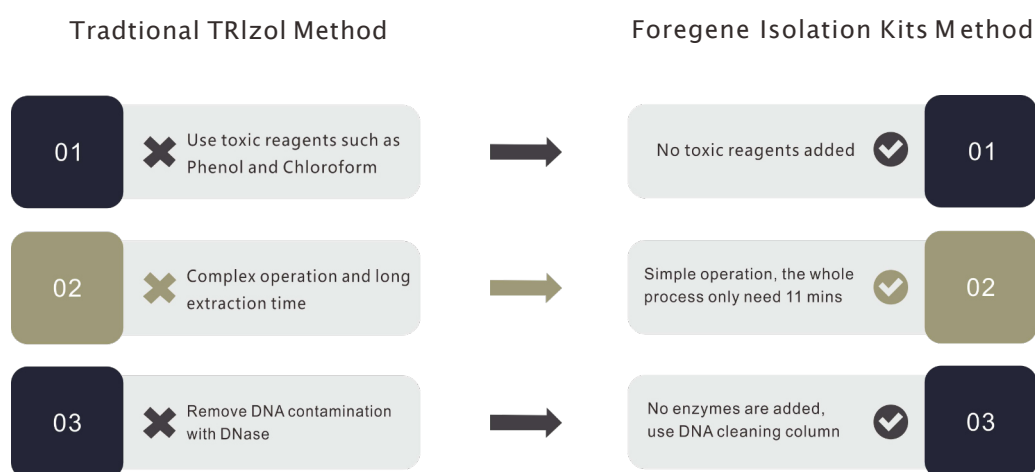
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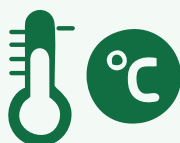
PRODUCT INTRODUCTION

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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.

References

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IF:3.3(Foregene #RE-06114)

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COMPANY PROFILE

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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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