

# ***Animal Total RNA Isolation Kit***



# PRODUCT INTRODUCTION



# FOREGENE

## 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.



**Foregene Co., Ltd.**

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

Email: [overseas@foregene.com](mailto:overseas@foregene.com)

# PRODUCT INTRODUCTION



# FOREGENE

## Animal Total RNA Isolation Kit

Complete the test within 30 minutes



### Product components

- ◆ Buffer RL1
- ◆ Buffer RL2
- ◆ Buffer RW1
- ◆ Buffer RW2
- ◆ RNase-Free ddH<sub>2</sub>O
- ◆ 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	

Foregene Co., Ltd.

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

Email: [overseas@foregene.com](mailto:overseas@foregene.com)

# PRODUCT INTRODUCTION

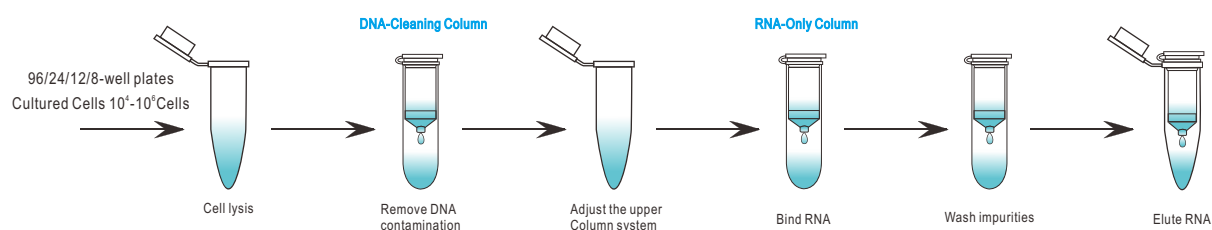


# FOREGENE

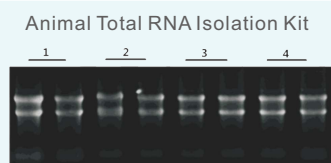
## Animal Total RNA Isolation Kit characteristic

- △ 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 eletrophoresis(1%).  
RNA were extracted from 20mg fresh mouse tissues  
by Animal Total RNA Isolation Kit.  
1: Spleen 2: Kidney3: Liver 4: Heart

Foregene Co., Ltd.

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

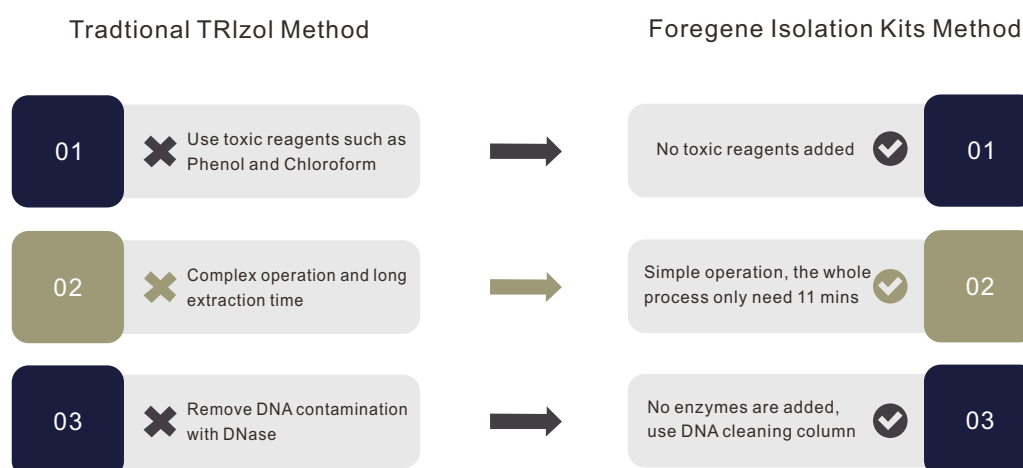
Email: [overseas@foregene.com](mailto:overseas@foregene.com)

# PRODUCT INTRODUCTION

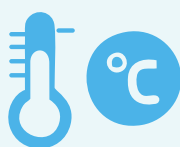


# FOREGENE

## 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.*

**Foregene Co., Ltd.**

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

Email: [overseas@foregene.com](mailto:overseas@foregene.com)



# PRODUCT INTRODUCTION



# FOREGENE

## References

Yingying Xu, et al. *Extended-release of therapeutic microRNA via a host-guest supramolecular hydrogel to locally alleviate renal interstitial fibrosis*, *Biomaterials*, Volume 275, 2021, 120902, ISSN 0142-9612. <https://doi.org/10.1016/j.biomaterials.2021.120902>.  
**IF 12.479**

Tian, X., Song, J., Zhang, X. et al. *MYC-regulated pseudogene HMGA1P6 promotes ovarian cancer malignancy via augmenting the oncogenic HMGA1/2*. *Cell Death Dis* 11, 167 (2020). <https://doi.org/10.1038/s41419-020-2356-9> **IF 6.28**

Lv, Shijian et al. *The Attenuation of Trophoblast Invasion Caused by the Downregulation of EZH2 Is Involved in the Pathogenesis of Human Recurrent Miscarriage*. *Molecular Therapy - Nucleic Acids*, Volume 14, 377 - 387. DOI: <https://doi.org/10.1016/j.omtn.2018.12.011>  
**IF 5.66**

Huang, T., Song, X., Jing, J. et al. *Chitosan-DNA nanoparticles enhanced the immunogenicity of multivalent DNA vaccination on mice against *Trueperella pyogenes* infection*. *J Nanobiotechnol* 16, 8 (2018). <https://doi.org/10.1186/s12951-018-0337-2>  
**IF 5.294**

Hou Q., Liao F., Zhang S., et al. *Regulatory network of GATA3 in pediatric acute lymphoblastic leukemia*. *Oncotarget*. 2017; 8: 36040-36053. Retrieved from <https://www.oncotarget.com/article/16424/> **IF 4.102**

**Foregene Co., Ltd.**

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

Email: [overseas@foregene.com](mailto:overseas@foregene.com)

# COMPANY PROFILE



# FOREGENE

Foregene is specialized in the IVD kits and the lab reagents products ,which is integrated in R&D, manufacturing and marketing together. Foregene has the world's leading Direct PCR platform. The main products include various IVD kits, nucleic acid purification reagents, PCR and Direct PCR reagents, Genotyping kits, etc. The technology and product performance indicators used are all leading the world status, widely applied in hospitals, institutions, medical laboratories, etc.



**Foregene Co., Ltd.**

Website: [www.foregene.com](http://www.foregene.com)

Tel: (+86)28-86050301

Email: [overseas@foregene.com](mailto:overseas@foregene.com)

***FOREGENE***

