

Aug 20, 2019

## RNA Isolation from Plant Tissue Protocol 1: Qiagen RNeasy Plant Mini Kit

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DOI

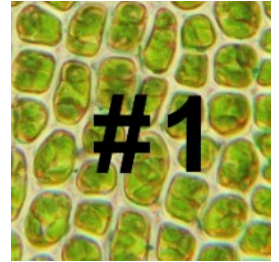
[dx.doi.org/10.17504/protocols.io.4vxgw7n](https://dx.doi.org/10.17504/protocols.io.4vxgw7n)

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GigaScience Press



Eric Carpenter



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DOI: <https://dx.doi.org/10.17504/protocols.io.4vxgw7n>

External link: <https://doi.org/10.1093/gigascience/giz126>

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**Protocol status:** Working

These protocols were used for RNA extraction from plant tissues in order to support the One Thousand Plants initiative's work to produce RNA-Seq transcriptomes from a diverse collection of plant samples.

**Created:** June 28, 2019

**Last Modified:** August 20, 2019

**Protocol Integer ID:** 25239

**Keywords:** RNA, RNA isolation, RNA extraction, plant tissue, plant RNA, rna isolation from plant tissue protocol, rna isolation from plant tissue collection, total rna from plant tissue, isolation of total rna, rna isolation, qiagen rneasy plant mini kit protocol, plant tissue protocol, rneasy plant mini kit, total rna, rna, plant tissue collection, rneasy mini handbook, qiagen, isolation

## Abstract

Protocol implemented by: Jim Leebens-Mack and Charlotte Carrigan

The first protocol used for isolation of total RNA was Qiagen's **RNeasy Plant Mini Kit** (Qiagen, Valencia, CA). These kits are commercially available and widely used in RNA isolation. For detailed methods associated with this kit we refer readers to the "**RNeasy Mini Handbook**" available for download at [www.qiagen.com](http://www.qiagen.com).

This protocol is part of a collection of eighteen protocols used to isolate total RNA from plant tissue. (RNA Isolation from Plant Tissue Collection: <https://www.protocols.io/view/rna-isolation-from-plant-tissue-439gyr6>)

## Attachments



[journal.pone.0050226...](#)

276KB


## Materials

### MATERIALS

 RNeasy Plant Mini Kit **Qiagen Catalog #74904**

## Troubleshooting

## Safety warnings

 Please see SDS (Safety Data Sheet) for hazards and safety warnings.

