

Aug 20, 2019

## RNA Isolation from Plant Tissue Protocol 17: Invitrogen PureLink-Qiagen RNeasy Hybrid

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✓ Peer-reviewed method

 In 1 collection

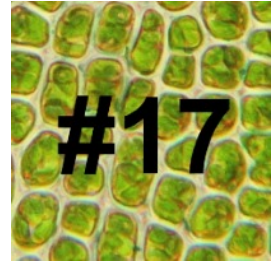
DOI

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

GigaScience Press



Eric Carpenter



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### Manuscript citation:

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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 27, 2019

**Last Modified:** August 22, 2019

Protocol Integer ID: 25206

**Keywords:** RNA, RNA extraction, RNA isolation, plant tissue

## Abstract

Implemented by: Patrick Edger and J. Chris Pires

For a small number of samples the Invitrogen **PureLink™ RNA Mini Kit** (Cat #12183-018A) was used to isolate total RNA while the Qiagen RNeasy **MinElute Cleanup Kit** (Cat #74204) was used to purify and concentrate total RNA. The methods followed the manufacturer's instructions and thus they are not repeated here.

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...](#)

289KB

## Materials

### MATERIALS

 RNeasy MinElute Cleanup Kit **Qiagen Catalog #74204**

 PureLink™ RNA Mini Kit **Thermo Fisher Scientific Catalog #12183020**

## Safety warnings

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

