Resource Summary Report

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RNA Isolation from Plant Tissue Protocol 12: Hot Acid Phenol Method for Angiosperms

DOI:10.17504/protocols.io.4rxgv7n
Type: Protocol

Proper Citation

Eric Carpenter 2019. RNA Isolation from Plant Tissue Protocol 12: Hot Acid Phenol Method for Angiosperms. protocols.io dx.doi.org/10.17504/protocols.io.4rxgv7n

Protocol Information

URL: https://dx.doi.org/10.17504/protocols.io.4rxgv7n

Authors: Eric Carpenter

Group: GigaScience Press

Summary: Implemented by: Sarah Covshoff, Rowan Sage and Julian HibberdThis RNA isolation method is a multi-component method involving an initial extraction by hotacid phenol and then a purification and DNase treatment using the RNeasy Mini Kit by Qiagen.The method described below is a modification of a method described by van Tunen et al.3.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) 3 van Tunen, A.J. et al. Cloning of the two chalcone flavanone isomerase genes from Petunia hybrida: coordinate, light? regulated and differential expression of flavonoid genes. The EMBO Journal 7, 1257?1263 (1988).

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