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Total Protein Extraction from Plants

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Works for me

This protocol is published without a DOI.



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ABSTRACT

Total Protein Extraction from **Plants**

PROTOCOL CITATION

May Shen 2020. Total Protein Extraction from Plants. **protocols.io**
<https://protocols.io/view/total-protein-extraction-from-plants-bh94j98w>



KEYWORDS

total protein extraction, sample preparation, western blotting, sample buffer, protein preparation

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Jul 07, 2020

LAST MODIFIED

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PROTOCOL INTEGER ID

38940

MATERIALS

NAME	CATALOG #	VENDOR
2x Laemmli Sample Buffer	1610737	BioRad Sciences

MATERIALS TEXT


Mortar and pestle

BEFORE STARTING



Heat up dry bath machine to 65 °C.

New Sample Preparation 20m

- 1 **0.1 g plant tissue** + **300 µl 2X sample buffer** finely grounded. 5m
Move into 1.5 ml eppendorf.
- 2 **65 °C** dry bath for **00:15:00** 15m
- 3 **12000 rpm 00:01:00** 1m

4 Ready to load or store in  **-20 °C**

Old sample thawing back 11m

5  **65 °C** dry bath for  **00:10:00**

10m

6  **12000 rpm** **00:01:00**

1m

7 Ready to load