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Protein extraction protocol

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Protocol status: Working

We use this protocol and it's working

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Keywords: Protein extraction, protease inhibitor, Tissue extraction, ASAPCRN, protocol details protein extraction procedure, protein extraction protocol, extraction, protocol detail, protocol this protocol, protein, protocol, procedure

Abstract

This protocol details protein extraction procedure.

Attachments



[440-928.docx](#)

13KB

Materials

 Tissue Extraction Reagent **Thermo Fisher Scientific Catalog #FNN0071** :

- Warm reagent to  Room temperature .
- Add protease inhibitor tablet (1 tablet/  10 mL).

	A	B	C
	Weight of SN from 1 side	5 mg	Add 400 μ L reagent
	Weight of STR from 1 side	15 mg	Add 400 μ L reagent
	Weight of CB from 1 side	40 mg	Add 400 μ L reagent
	Weight of cortex from 1 side	30 mg	Add 300 μ L reagent



Protein extraction protocol

5m

- 1 Warm reagent to Room temperature .
- 2 Add protease inhibitor tablet (1 tablet/ 10 mL) (complete EDTA free).
- 3 Add amount of reagent to each sample and transfer to bead beating tube.
- 4 Homogenize tissue sample in bead beater (see protocol in notebook), speed 3; let samples sit On ice for 10- 00:15:00 after to settle. 15m
- 5 Centrifuge homogenized sample at 10000 rpm for 00:05:00 . 5m
- 6 Collect supernatants and store in -80 °C .