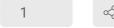


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TSS, TXS, SDS Serial Extraction

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This protocol is used to serially extract protein from mouse brain tissue in increasingly stringent buffers.

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p	protocol,	6
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Weigh brain sample and add TSS Buffer: 140mM NaCl +	d 3X volume of TSS buffer + 1X protease inhibitor. 5mM Tris-HCl in H ₂ O	2m
Homogenize in a dounce ho	omogenizer then transfer to a clean tube.	2m

2 Homogenize

30m

3 Centrifuge at 21130g for 30 minutes at 4°C then save the supernatant as 'TSS fraction'.

Resuspend the pellet in the same volume of TSS buffer then centrifuge at 21130g for 30 35m



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- 4 minutes at 4°C and discard the supernatant.
- 5 Resuspend the pellet in the same volume of TXS buffer then incubate on ice for 10 minutes.

 TXS Buffer: TSS buffer + 0.5% Triton X-100
- 6 Centrifuge at 21130g for 30 minutes at 4°C then save the supernatant as 'TXS fraction'.
- 7 Resuspend the pellet in the same volume of TSS buffer then centrifuge at 21130g for 30 and discard the supernatant.
- Resuspend the pellet in the same volume of SDS buffer then incubate at room temperature for 10 minutes.
 SDS Buffer: TSS buffer + 1% sodium dodecyl sulfate (SDS)
- 9 Centrifuge at 21130g for 30 minutes at room temperature then save the supernatant as 'SDS fraction'.