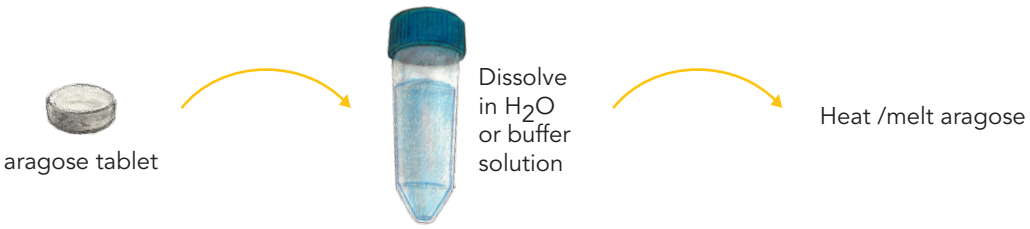
HOW TO EMBED SPINAL CORD FOR THE COMPRESSTOME® TISSUE SLICER

1 Make agarose: usually ~2% concentration



2 Make the agarose base for holding the spinal cord

(This step helps stabilize the spinal cord for embedding in the Compresstome® specimen tube)

2a. Pour half of the agarose solution into a small petri dish

2b. Store the remaining half of the agarose solution in a hot water bath (~37°C) so that it does not solidify

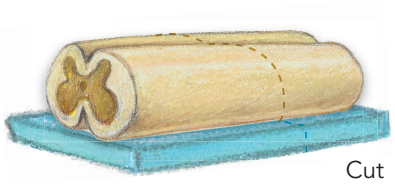
2c. Solidify the agarose in the petri dish at 4°C

2d. After the agarose solidifies, cut out a small rectangular block of agarose about 5 mm wide x 3 mm tall x 3 mm long.

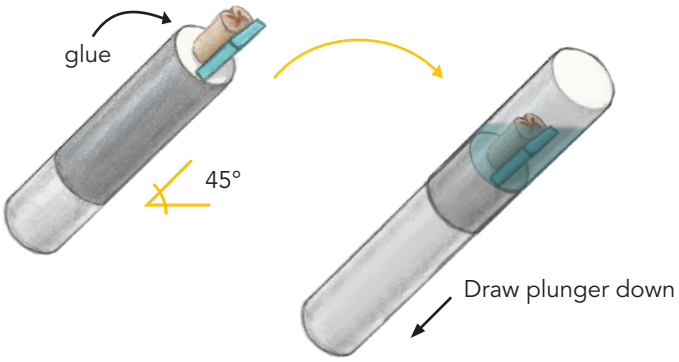
3 Dissect out the spinal cord tissue that you would like to section with the Compresstome® Vibratome

3a. Lay the spinal cord longitudinally onto the small agarose block

3b. Cut off one end so that both the spinal cord and agarose block are even



4 Embed the spinal cord in the agarose in the specimen tube



4a. Glue the spinal cord and agarose block together to the surface of the white plunger. (Tip: keep everything at a 45° angle when loading the spinal cord and agarose block)

4b. Slowly draw down the white plunger until the entire specimen is inside the tube.

4c. Using a transfer pipette, add agarose solution to cover the entire content of the specimen tube

4d. Chill with chilling block

4e. Now you're ready to slice spinal cord tissue!

PRECISIONARY

(617) 682-0586
www.precisionary.com
info@precisionary.com

Boston, USA
Made in USA