



# TISSUE CULTURE PROCEDURE

CULTURE

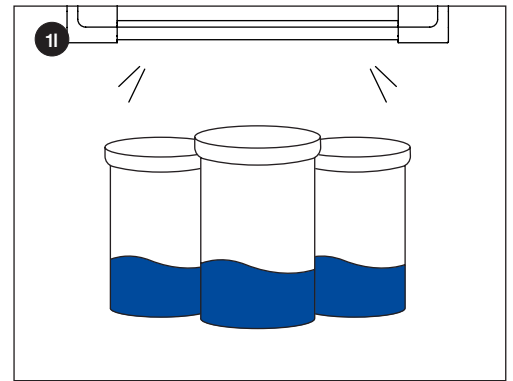
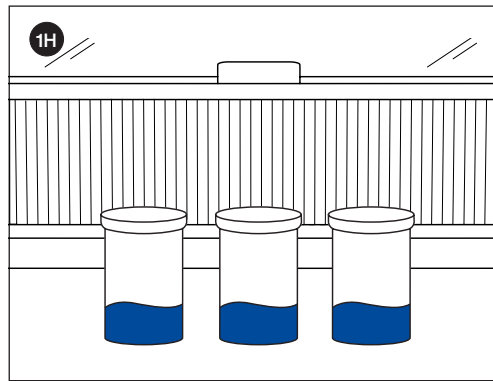
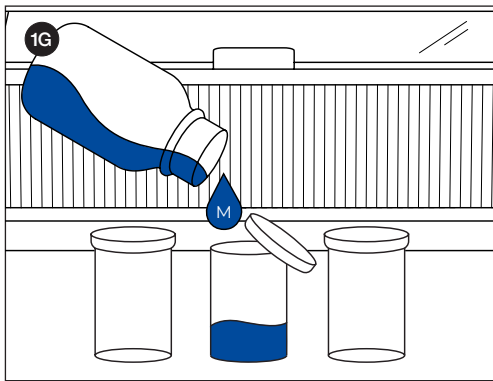
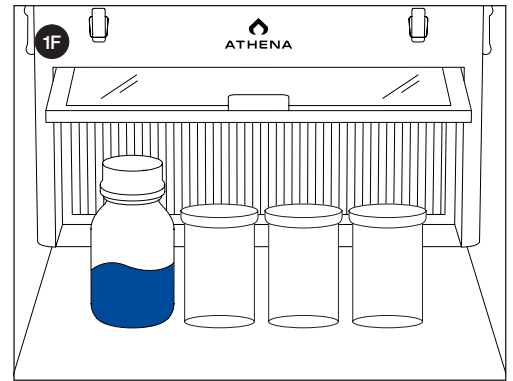
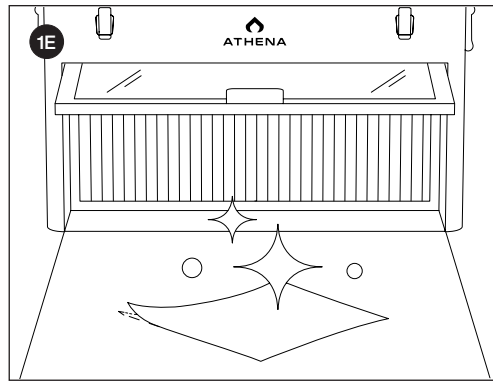
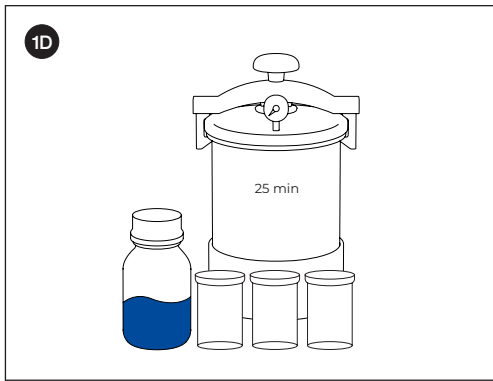
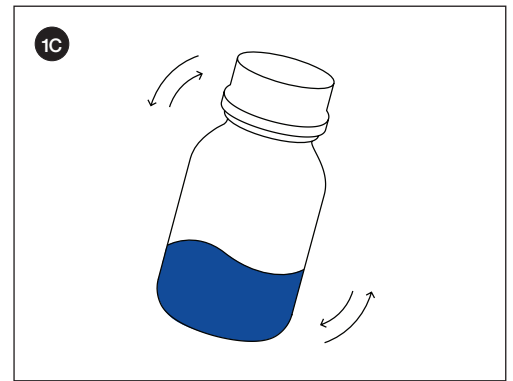
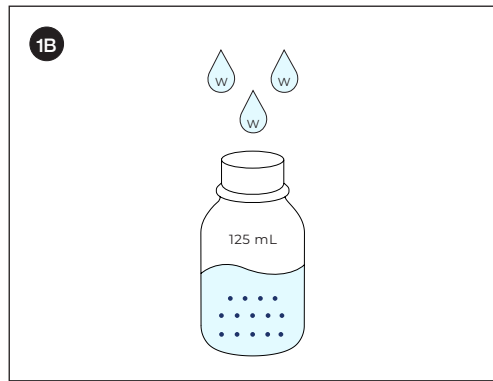
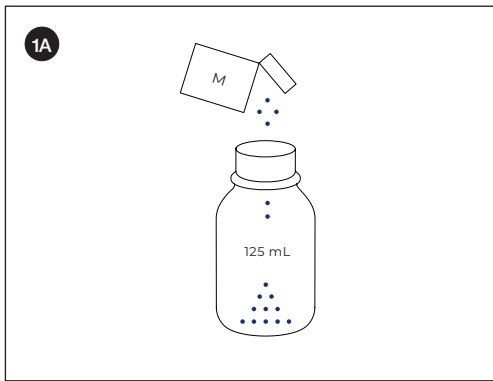
## STEP 1: MEDIA PREP

SCAN to watch our Tissue Culture Procedure Video:

**⚠️ DISCLAIMER:**

- All sterile work is to be done under the workzone unless stated otherwise.
- Always wear gloves and a face covering when working in the workzone.
- Any container with liquid placed in the Autoclave must have a loosely opened lid.
- Spray gloves with alcohol between processes in the workzone.

- 1A. Pour one pack of 125 mL Shoots or Roots media powder (M) into the 250 mL media vessel.
- 1B. Pour filtered water (W) into the media vessel up to 125 mL and close the lid.
- 1C. Agitate the media vessel until the solution is fully dissolved.
- 1D. Place the desired amount of culture vessels and the media vessel into the Autoclave for a full cycle.
- 1E. Clean and sterilize the Flow Hood workzone with alcohol wipes (inside and front surfaces).
- 1F. Place the items from the Autoclave directly under the Flow Hood and allow to cool until roughly 45-54°C (113° - 130°F) or as soon as possible to handle.
- 1G. Before solution turns to gel, fill each culture vessel ¼ full with media solution (M) and cap.
- 1H. Let culture vessels settle until the media turns into a gel.
- 1I. Set culture vessels back into the toolbox of the Flow Hood or in a cool dark place.



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