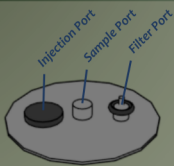


## Included:



Wide-Mouth Gasket



Myco Lid Pro™



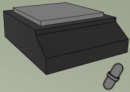
Sampling Tube

## Not Included:

Wide-Mouth Mason Jar and Locking Band



Magnetic Stir Plate and Stir Bar



Plastic Syringe and Dispensing Needle



Liquid Culture Media



# Myco Lid Pro™



## Instructions for use

*\*For best results, all steps should be taken in a sterile environment (HEPA laminar flow hood recommended)*

### Step 1. Sterilization (Autoclaving)

- Autoclave contents at 15 psi for 25 minutes
- Allow for the autoclave to return to room temperature before opening (it is normal to observe a slight depression in the center of the lid after autoclaving)
- Attach a syringe filter to the air port using downward pressure; rotating the syringe filter 180° clockwise to secure in place

*\*To maintain proper diffusion, it is recommended to autoclave with dry heat and not steam. If autoclaving via steam, leave the syringe filter off or do not secure the locking band all the way.*

**Materials Needed**

*Continue steps on page 2*

## Step 2. Preparation

- Create your sterilized liquid substrate in your chosen jar (methods vary)

## Step 3. Inoculation

- Inoculate the sterilized liquid substrate with hydrated spores or live culture using the self-healing injection port

## Step 4. Colonization

- Allow for the new mycelium to take over the substrate
- Periodically mix with the magnetic stirrer to keep mass from clumping

## Step 5. Sampling

- Prepare sterilized syringes and luer tips for sampling
- Place jar on magnetic stirring plate and stir hyphae into suspension
- Remove luer cap and secure sterile syringe to the luer tapered fitting
- Draw sample from jar and seal syringes with sterilized luer caps (repeat as needed)
- Disinfect filled syringes and refrigerate for proper storage of samples, optionally labeling the jar

- Draw sterilized liquid from reserve and refill jar using sample or injection port

**Optional:  
Replenishment**