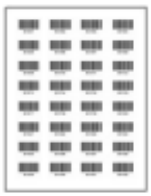
Growing Medium
Sample Collection Guide

Accurate, repeated testing and removal of infected plants is critical for maintaining consistent yields. This document details the steps to collect growing medium samples for testing in TUMI Genomics laboratories, including but not limited to soil and coco.

1 Prepare Materials

Provided Materials

50mL tubes

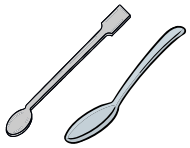


Extra barcode stickers

User Supplied Materials

Disposable gloves

10% Bleach solution



Lab spatulas or spoons

2 Identify Testing Locations

Select sources to gather growing medium samples. Before collecting samples, document which tube number corresponds to which source or location.

Extra barcode stickers are provided to help label sample areas

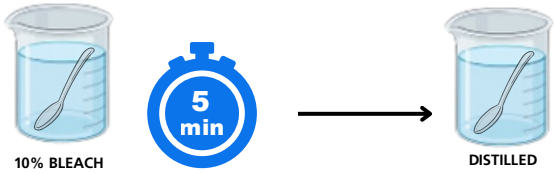
TUBE #	LOCATION

Recommended areas for testing include:

- Straight from the bag after purchase
- Any growing medium already in pots with plants. Try to include the most suspicious material - i.e fuzzy, slimy, or strange in color.

3 Sterilize Tools Before Use

Soak the spatulas and/or spoons in the 10% bleach solution for 5 minutes and then do a quick dip into a container with distilled water.



4 Collect Samples

Open the 50mL tube and set the lid face up on a clear surface.

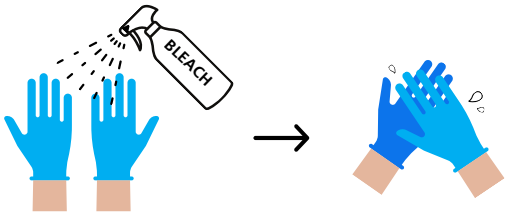
Fill the tube 2/3 full with growing medium. **DO NOT fill the tube to the top.**

If you see fungal-like growth, use a clean tool to dislodge some of the growth and include that material in the sample tube.

Secure the lid tightly back on the sample tube.

5 Sterilize Between Samples

Before collecting the next sample, wash your hands, change your gloves, or bleach gloves.



If using a tool to collect, sterilize the tool in 10% bleach for 5 minutes and then rinse it in distilled water before reusing it.

6 Returning Samples

When all the samples have been collected, ensure the lids are tight and place each sample in its own, indivdual, sealed, ziplock bag.

If possible, ship the tubes in a cardboard box versus an envelope to avoid breakage during shipping. Ship samples to:

TUMI Genomics
320 East Vine Drive Suite 129
Fort Collins, CO 80524

Turnaround time is 10 business days

Have more questions?

See the FAQ section of our website or contact us at (720) 807-8864 or sales@tumigenomics.com

International Clients

USDA Permit Packet

This packet must be printed and packed into your return shipment to the TUMI Genomics lab.

TUMI GENOMICS

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