

MyFloraDNA

Instructions

It is very important to properly collect samples as indicated in this guide. Please read thoroughly to send viable samples back for analysis.

Box Content

Ordered Punch Vials

1 x Return Label

1 x Instructions Guide

Important

- Samples collected using our protocols are free of any viable plant material and regulated substances.
- MyFloraDNA does not accept samples containing viable plant material that could be propagated or any regulated substances.
- Do not use dry ice or freeze the samples

• STEP 1 Collecting Samples

For Optimal Accuracy:

We recommend sending in both roots and leaf tissue samples for analysis.

Leaf Tissue

Gather leaf tissue from various parts of the plant, as shown in the picture(s).

Ensure the samples are free from any chemicals or recent treatments (wait at least one week after chemical application before collecting samples).

Root Tissue



Leaf Tissue



Root Tissue

Collect two (2) pieces of root tissue, each approximately 2cm long.

Ensure the root samples are free from any soil or growing medium. If necessary, rinse the roots with water only to remove excess soil or medium. Note that roots with excessive soil or medium can potentially lead to false positives.

• STEP 2 Submit Sample Information for Analysis

Op.1  Recommended

Upload your results through the online spreadsheet in your MyFloraCLOUD panel.

Op.2

Upload your spreadsheet template to MyFloraCLOUD.



Collection Experience Guide

• STEP 3 Return the Samples

After completing the sample collection process, please use the return label provided to send us back the box with your samples.

You will receive an automated email when your samples' results are available on your MyFloraCLOUD Dashboard.



Important Precautions for Ensuring Accurate Results



Do not mix tissues from different plants in a single sample vial. **Each vial should contain tissue from a single plant.**



Ensure that the entire tissue sample is **securely contained within the tube**, with no material protruding. To maximize the accuracy of your assay, it's crucial to check that none of the tissue sample is stuck at the mouth of the vial underneath the cap.



Please **avoid overfilling sample tubes with plant tissue**; restrict the content to a maximum of three vial punches, and for root tissue, limit it to no more than two 2cm pieces.



Make sure to send the appropriate material for your analysis; **refer to the table below.**

RNA Based		DNA Based	
Pathogen	Best Sample	Pathogen	Best Sample
Hop Latent Viroid (HLVD)	Root/Leaf	Beet Curly Top Virus (BCTV)	Root/Leaf
Cannabis Cryptic Virus (CCV)	Root/Leaf	Golovinomyces amb. (Powdery Mildew)	Leaf
Alfalfa Mosaic Virus (AMV)	Root/Leaf	Botrytis cin.	Root/Leaf
Lettuce Chlorosis Virus (LCV)	Root/Leaf	Pythium myr.	Root
Arabis Mosaic Virus (ArMV)	Root/Leaf	Fusarium sol.	Root
Tomato Mosaic Virus (ToMV)	Root/Leaf	Fusarium oxy.	Root
Tomato Ringspot Virus (ToRSV)	Root/Leaf		
Tobacco Mosaic Virus	Root/Leaf		

Have Questions?

Contact our support team at **info@myfloradna.com** or call us at **530-485-8745** for assistance.