

Stem Collection Instructions



STEP 1



COMPLETE SAMPLE SUBMISSION FORM

Please complete the Sample Submission Form before collecting and handling samples. The Tube Barcodes can be found on the 2 sample tubes included in the collection kit.

IMPORTANT: These barcodes are used to associate your samples with your customer record, so it is critical that they are properly recorded on the Sample Submission Form.

IMPORTANT: The barcoded sample tubes must be returned to Medicinal Genomics inside the same ziplock bag they were shipped in. Never return a ziplock bag with more or less than 2 barcoded tubes!

STEP 2

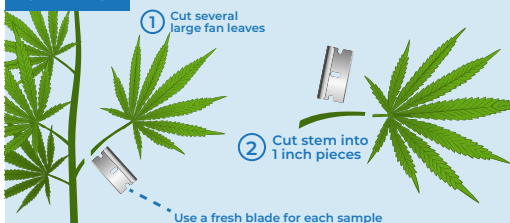


PUT ON A NEW PAIR OF GLOVES

Wearing gloves will ensure you do not contaminate your sample(s) with outside DNA.

IMPORTANT: Wear a new fresh pair of gloves for each sample.

STEP 3



CUT THICK, FRESH FAN LEAF STEMS

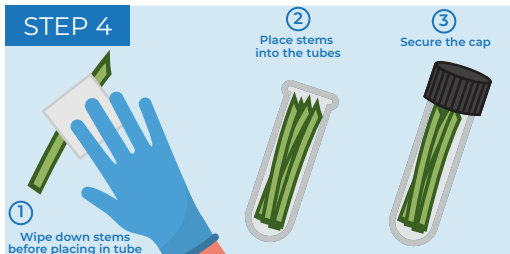
1. Unwrap a new razor blade and cut several large fan leaves from your plant.

IMPORTANT: Stems must be **thick and fresh** in order to get sufficient gDNA yield. Use the guide to the right for reference.

2. Cut the stem of each leaf into 1-inch pieces. Discard the leaf.



STEP 4



WASH STEMS WITH RUBBING ALCOHOL WIPE

1. Use an alcohol wipe to gently clean the exterior of all the stems.

2. Fill Tube 1 and Tube 2 with the stem pieces.

IMPORTANT: Tube 1 and Tube 2 must contain stem from the same plant.

3. Close the cap on the tubes and set aside.

STEP 5



PACKAGE AND SHIP SAMPLE

1. Place the tubes and the Sample Submission Form into the ziplock bag they came in.

2. Place the bag into the pre-addressed, padded envelope.

3. Seal envelope and place in the nearest FedEx drop location.

4. Please Note: The stems should be cut and shipped out the same day for best results and to avoid any delays.

WHAT TO EXPECT NEXT

We will send an email to the address provided on the Sample Submission Form when we receive the sample at our laboratory. We will email the sequencing results to that same email address in 4-6 weeks of receiving that notification.



SCAN TO WATCH
STEM COLLECTION VIDEO