

Aphid Pesticide Resistance Test

Aphid Collection Kit Instructions



Kit Contents

- 3 tubes with preservation liquid (non-toxic)
- 3 collection brushes
- Instructions Sheet

⚠ Important — Read Before Collecting

Each tube must contain aphids from only one plant. Do not mix aphids from different plants in the same tube. Collect from different plants within a single bay or area, and record which areas were sampled. This provides a snapshot of the population's pesticide resistance genetic profile across your greenhouse.

Step-by-Step Collection Instructions

1. Open a collection tube and place it upright next to an aphid-infested leaf.
2. Using the brush provided, gently brush aphids off the leaf and directly into the tube so they fall into the preservation liquid.
3. Collect a **minimum of 10 aphids per tube**. (More is fine!)
4. Close the collection tube **tightly** once collection is complete. Dispose of the brush. Do not reuse brushes between plants.
5. Repeat Steps 1–4 using a new tube and brush for each additional plant. Record the plant where the sample came from.
6. Place aphid-filled collection tubes back into the bag.
7. Fill out the sample submission form at <https://www.healthyhydroponics.ca/submit-online/>, and add a printed copy within the sample bag.
8. Ship the sealed samples to the Healthy Hydroponics lab through your preferred courier.

Shipping & Submission

Ship To

Michael Lynch
550 Parkside Drive, Unit A9
Waterloo, ON N2L 5V4 Canada

Contact & Support

Phone: 1-289-860-1892
Email: michael.lynych@metagenom.com

Submit Form:

Scan the QR code to start or visit [healthyhydroponics.ca/submit-online/](https://www.healthyhydroponics.ca/submit-online/)

