

OBERON BIO

INSTRUCTION MANUAL



Simple Steps for Accurate Results

SAMPLING KIT CONTENTS

- Cooling gel packs (2x)
- Sample collection tubes (3x)
- Absorbent sheet (1x)
- Biohazard specimen bag (1x)
- Return shipping label (1x)
- Kit shipping box (1x)
- Bubble mailer (1x)
- Elastic band (1x)

If any of these items are missing from your sampling kit, please contact our team immediately.

BEFORE YOU BEGIN

- Review the safety protocol, handling instructions, and liability terms on our website at oberonbio.com/terms-conditions
- Place the cooling gel packs in a freezer until fully frozen (**12-24 hours**).
- Coordinate FedEx return process (schedule a pick up / drop off)
- Confirm access to the correct sampling locations, and the ability to extract samples.
- Verify all kit components are present and undamaged.
- Wash hands thoroughly and wear appropriate PPE, including a face covering and nitrile gloves.
- Prepare a clean surface for labeling and handling samples.

1. Before You Begin

- Open the test kit and confirm that all components are present.
- Place the gel packs in the freezer as soon as you receive the kit. (Gel packs must be completely frozen before sample collection and typically require **12–24 hours** in a standard home freezer.)

Before collecting your sample,

- locate your nearest FedEx drop-off location
- or schedule a FedEx pickup for **no more than 6 hours** after sample collection.

You will also need to record the sampling **date, time, and location** to complete the Sample Intake form.

2. Get Ready to Collect Sample: Personal Protective Equipment (PPE)

Put on a suitable face covering over your nose and mouth, and a pair of nitrile gloves. If available, wear a protective coat or lab coat. PPE helps protect you from splashes and reduces the risk of contaminating the samples.

3. Collect the Required Sample Volume

Sampling guidelines:

- Ensure the sample is well mixed and homogenous before collection.
 - If collecting from a tap, allow the water to run for several seconds before filling the tubes.
 - If collecting from an open water source, collect below the surface and avoid visible debris when possible.
 - If collecting wastewater, ensure the effluent is thoroughly mixed prior to sampling.

Ensure the correct sample is added to each tube according to your Sample Intake form.

- Collect a total of **150 mL** of your sample, corresponding to 50 mL per Falcon tube.
- Fill each tube to the 50 mL mark and avoid overfilling.
- Do not rinse the tubes and do not add preservatives, chemicals, or other liquids.

4. Record Sampling Information

Take note of the sampling **date, time, and location** immediately after collection. This information is required to complete the Sample Intake form.

5. Confirm Sample & Tube Identification

- Each tube in your kit is labeled with a unique Tube ID. Collect the **same sample** into the **three tubes** assigned to that sample, as listed on your order sheet or Sample Intake form.
- *(If you are collecting more than one sample):*
 - Do not mix Tube IDs between different samples. If you are unsure which Tube IDs belong together, contact our team before proceeding.

6. Secure and Clean Sample Tubes

- Tightly close all Falcon tube lids to prevent leakage.
- Check each tube for leaks. If any liquid is present on the outside of the tube, wipe it off using a wipe or other absorbent material and dispose of the wipe securely.

7. Bundle and Package Tubes

- Using the provided elastic band, align the three filled test tubes side by side and secure.
- Wrap the the bundled tubes with the provided absorbent material.
- Insert the tubes and absorbent sheet into the biohazard specimen bag and ensure the bag is fully sealed.
- Carefully sandwich the sealed biohazard bag between the two **frozen** gel packs

8. Prepare for Shipment

- Place the ice packs and biohazard bag into the bubble mailer and fold to secure tightly.
- Peel off the protective strips to expose the adhesive.
- Fold the mailer closed and press firmly along the seal.
- Ensure the return shipping label is removed from the box.
- Place the sealed bubble mailer into the shipping box.

9. Seal and Label the Box

- Close the shipping box securely.
- Affix the provided return shipping label to the outside of the box, placing it over any existing shipping labels if necessary.

10. Ship the Samples

- Drop off the package at a FedEx location
- Or schedule FedEx to pick up the package within **6 hours** of sample collection.
- If you are waiting for a FedEx pickup, store the samples safely in a 4°C refrigerator and package them immediately when the FedEx courier arrives.

Colder samples improve the likelihood of detecting your desired targets.

11. Fill out the Sample Intake form

Scan the QR code on the label of your sample tubes to access the Sample Intake form, or check your email for the link. Only **one** Sample Intake form needs to be completed per Test-Kit purchased.

12. After Shipment

Once your package is received, you will receive an email confirming receipt and allowing you to track test progress. Testing is typically completed within 24-48 hours of receipt, and results will be sent directly to your email.

