



# Preparation Guide

## What you'll need:

- Collection bottles (pre-filled with table salt)
- External sticker labels
- Internal paper labels
- Pencil
- Marker
- Tap water (~300mL/bottle)

## Bottle preparation:

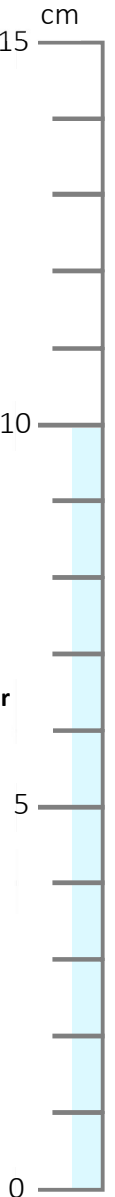
The saltwater mixture will help preserve the DNA from the insects.

1. Make a saltwater mixture by adding ~300mL of tap water to a collection bottle (~300mL=10cm/4 inches). Use the measurements on the side of this page for reference. Close the lid tightly and shake for 30 seconds to dissolve the salt. Some salt may remain undissolved.

2. Cut out individual **internal paper labels**. Labels are provided in batches of five, so you may have more labels than bottles.

**Quest Tip** – Internal paper labels are printed on special fluid paper that is weather-resistant and waterproof.

3. Attach the **external sticker label** to the bottle with the matching **internal paper label** slid slightly underneath (see the image below). The internal paper label will later be placed inside the bottle. Make sure the BQ# on both labels are the same.



### External Sticker Labels

**BUGQuest** Store sample at -20°C!  
 Sample # BQ#00003

Collector: \_\_\_\_\_  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Province: \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Lat: \_\_\_\_\_  
 Lon: \_\_\_\_\_  
 Elev: \_\_\_\_\_

**BUGQuest** Store sample at -20°C!  
 Sample # BQ#00004

Collector: \_\_\_\_\_  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Province: \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Lat: \_\_\_\_\_  
 Lon: \_\_\_\_\_  
 Elev: \_\_\_\_\_

**BUGQuest** Store sample at -20°C!  
 Sample # BQ#00005

Collector: \_\_\_\_\_  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Province: \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Lat: \_\_\_\_\_  
 Lon: \_\_\_\_\_  
 Elev: \_\_\_\_\_

### Internal Paper Labels

Sample # BQ#00003  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Sample # BQ#00004  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_

Sample # BQ#00005  
 Dates: \_\_\_\_\_ - \_\_\_\_\_  
 Site name: \_\_\_\_\_  
 Notes: \_\_\_\_\_



4. Find the bottle with the lowest BQ# and, using a permanent marker, write "week #1" on the lid and above the **external sticker label**. Leave the label blank – it will be filled out in **PENCIL** later.
5. Repeat steps 1 to 4 for the rest of the bottles, from lowest to highest BQ#, assigning week #2, week #3, etc...
6. Store prepared bottles away from the sunlight until they are needed.