

# PVT TimeZero™ Test Instructions

Inoculation at TimeZero™ — MB-100

**IMPORTANT:** Perform and ship this test **ONLY** on Monday, Tuesday, Wednesday, or Thursday

## 1 GATHER MATERIALS

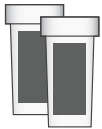
One water sample location requires the following items found in the sample box:



Chain of Custody (CoC)



100 mL Sterile EPA Vial  
With neutralizing tablet (Sodium Thiosulfate). *Do not remove.*



2 Sterile Dipslide Vials



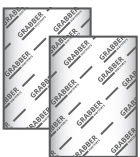
pH Adjust  
(Glycine Hydrochloride)



2 Security Seals



Shipping Label  
(FedEx 2-Day)



2 Incubators  
(Not provided during the warmer months)

In addition to the supplied items (above) you will need:

Timer

Permanent Marker  
and Ballpoint Pen

Gloves  
(Required)

Packing Tape

Safety Glasses  
(Required)

## 2 LABEL SAMPLE CONTAINERS

Using a permanent marker, label the bottle lid and each set of dipslide lids with the number that corresponds to the CoC "Field ID" for the specific sampling location. Take one dipslide and add the letter "N" after the "Field ID" to indicate "no" pH adjust. Take the other dipslide and add the letter "Y" after the "Field ID" to indicate "yes" pH adjust.

Example:

**1N** **1Y**  
Dipslides

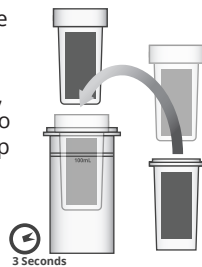
## 3 COLLECT WATER SAMPLE

**IMPORTANT:** *Gloves and safety glasses are required to be worn.*

Ensure neutralizing tablet is inside EPA vial. Fill vial above the 100 mL fill line (upper rim of bottle) with water from source to be tested. Allow tablet to dissolve completely (2-3 minutes) before proceeding to Step 4.

## 4 DIP 1st DIPSLIDE

Submerge dipslide with the letter "N" in the filled EPA vial. After 3 seconds, return dipslide to dipslide vial. Cap securely.



## 5 ADD pH ADJUST\*

(Acid treatment. Avoid contact with skin or eyes.)

Empty contents of pH adjust into EPA vial, close lid. Swirl to mix. Let stand for 5 minutes.



\*Glycine Hydrochloride

## 6 DIP 2nd DIPSLIDE

Repeat Step 5 above with the "Y" dipslide in the now acid treated water sample. Upon completion, dispose of EPA vial filled with water.

## APPLY SECURITY SEALS and COMPLETE COC

Securely cap both dipslide vials. Apply security seals over side of cap to side of container exactly as shown. A signed and complete CoC is required for all samples submitted. Using a ballpoint pen, fill out the CoC with specific sample location information. Include the sample ship date and sign in the "Relinquished By" box at the bottom of the page.



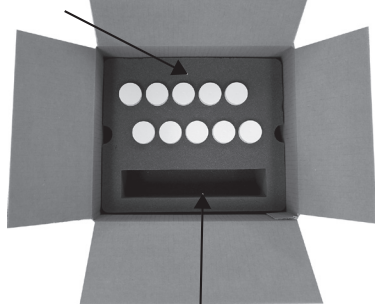
## 8 ACTIVATE and INSERT INCUBATOR(S) IF PROVIDED

Open both outer wrappers to activate an incubator. Feel for warmth to confirm activation. If ambient temperature of sample box is below 60°F activate a second incubator. Insert incubator(s) in the test kit cavity.

## 9 REPACK and SHIP on SAME DAY

For assurance of safety in shipping, repack dipslide vials upright (lids up) in sample box foam holder as shown in the photo. Make sure they do not come in contact with vials. Place signed and complete CoC in the sample box. Replace top foam layer securely over contents. Close and seal lid with packing tape. Apply 2-Day shipping label.

Dipslide Vials



(Insert incubator(s) if provided here)