

# PVT TimeZero™ w/ Standard ISO Test Instructions

Inoculation at TimeZero™ — MB-300

**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)



250 mL Sterile Sample Bottle  
With neutralizing powder (Sodium Thiosulfate). *Do not remove.*



100 mL Sterile EPA Vial



2 Sterile Dipslide Vials



pH Adjust  
(Glycine Hydrochloride)



3 Security Seals



Shipping Label  
(FedEx Priority Overnight)

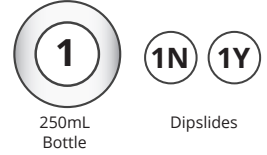
In addition to the supplied items (above) you will need:

- Permanent Marker and Ballpoint Pen
- Packing Tape
- Timer
- Gloves (Required)
- 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:



## 3 COLLECT WATER SAMPLE

**IMPORTANT:** *Gloves and safety glasses are required to be worn.*  
Fill 250 mL sterile sample bottle to neck of bottle with water from source to be tested. Close bottle tightly and briefly shake (5-10 seconds) to dissolve the neutralizing powder.

## 4 FILL 100 mL EPA VIAL

Fill 100 mL sterile EPA vial above the 100 mL fill line (upper rim of bottle) with water from 250 mL sample bottle (see Step 3 above). Securely cap 250 mL sample bottle to avoid contaminating remaining sample, which will be returned to lab.

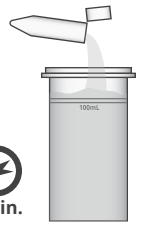
## 5 DIP 1st DIPSLIDE

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



## 6 ADD pH ADJUST\* (Acid treatment. Avoid contact with skin or eyes.)

Avoid contact with skin or eyes.) Empty contents of pH adjust into EPA vial, close lid. Swirl to mix. Let stand for 5 minutes.

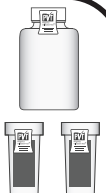


## 7 DIP 2nd DIPSLIDE

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

## 8 APPLY SECURITY SEALS and COMPLETE COC

Securely cap both dipslide vials. Apply security seals to 250 mL sample bottle and dipslide vials 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.



## 9 REPACK and SHIP on SAME DAY

For assurance of safety in shipping, repack dipslide vials and water sample bottle upright (lids up) in sample box foam holder as shown in the photo. Place signed and complete CoC in the sample box. Replace top foam layer securely over contents. Close and seal lid with packing tape. Attach Priority Overnight shipping label.

