



# uSense™ for Lead

## Instructions for Use in English

Testing with uSense™ is as easy as 1, 2, 3!

### Helpful Videos & FAQs:

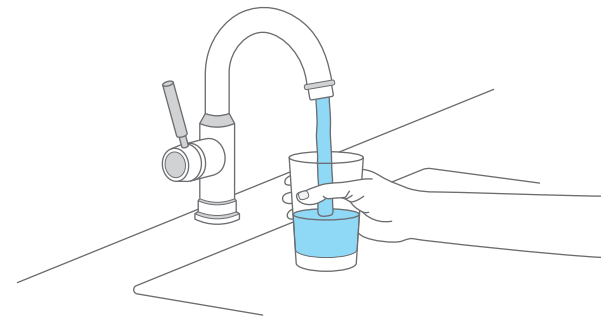


Videos demonstrating how-to instructions for this test can be found by scanning this QR Code or by visiting:

<https://stemloop.com/usense-for-lead-support>

### Step-by-Step Instructions

#### 1 Sample Collection



##### a Proceed

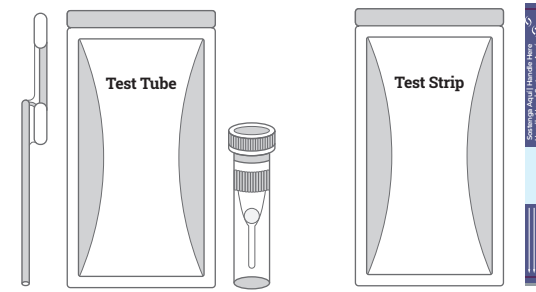
Please refer to “Drinking Water Provider Instructions” included with this kit for the sample-collection protocol to follow.

Providers may vary on sample collection requirements.

##### b Reference

Once you have successfully collected your sample, grab your Test Kit and move to **Step #2, Sample Testing**.

#### 2 Sample Testing

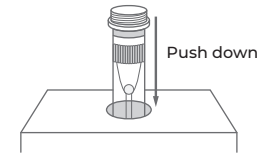


##### a Prepare

**Note: Only proceed to this step once water sample has been collected from Step 1.**

Before getting started, read instructions to ensure proper kit performance.

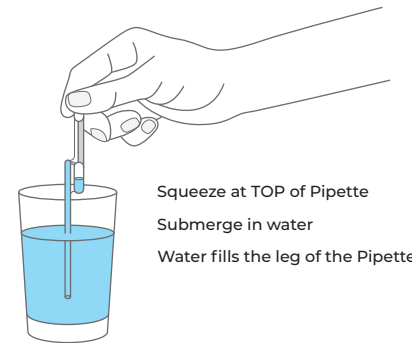
Remove the 2 pouches from the box. They are Labeled Test Tube and Test Strip. Open and empty Test Tube Pouch.



With bottom of Test Tube, push through perforations on Test Tube Holder on Box.

Proceed to **2B Pipette**

##### b Pipette



**Note: This is the most critical step to ensure accurate test performance.**

Uncap the Test Tube, keeping cap for later.

Taking the Pipette provided, squeeze the TOP bulb to compress the bulb.

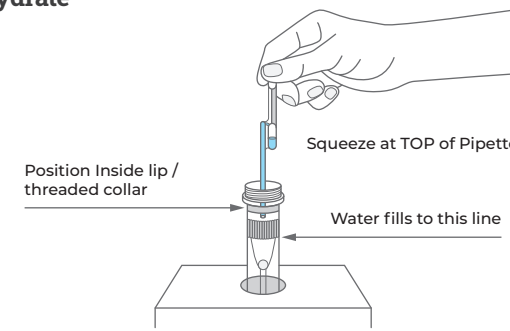
Submerge the Pipette into Sample Water.

Release the pressure on the TOP bulb to fill the pipette with your Sample Water.

A very small amount of Sample Water will flow into the lower bulb, as well as the leg of the Pipette. This is normal.

Proceed to **2C Rehydrate**.

##### c Rehydrate

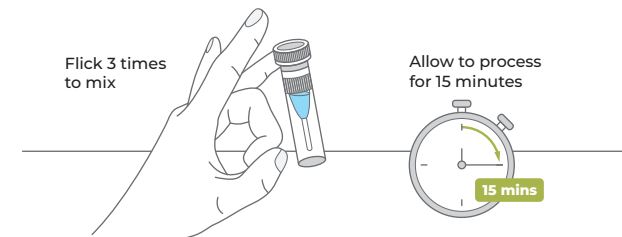


Position your filled Pipette inside the lip/ threaded collar of the Test Tube.

Squeeze the TOP bulb ONE TIME to deposit your Sample Water into the Test Tube. Dispose of Pipette.

Proceed to **2D Mix & Process**.

##### d Mix & Process



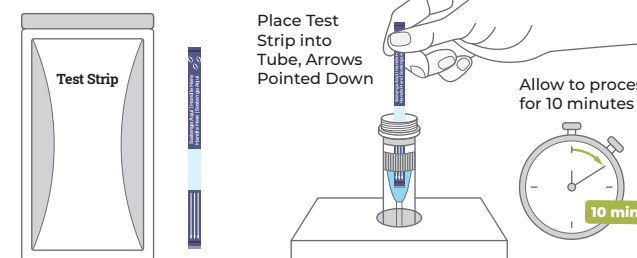
Recap the Test Tube and remove it from the Test Holder.

Flick the bottom of the tube firmly 3 times to mix. Return tube to the Test Tube Holder.

Allow the Test Tube to sit, undisturbed, for 15 minutes.

Proceed to **Step 2E Dip Test Strip**.

##### e Dip Test Strip



**Note: False results may occur if timing instructions are not followed.**

After 15 minutes, remove the cap from the Test Tube.

Unpack the Test Strip Pouch, taking care to touch only the top, covered section of the Test Strip labeled “Handle Here.”

Deposit the Test Strip into the Test Tube, arrows pointed DOWN.

Allow the Test Strip to sit, undisturbed, for 10 minutes to allow test bands to form.

Proceed to **Step #3, Read Results**.

#### 3 Read Results

After 10 minutes, remove the Test Strip from the Test Tube.

Compare your Test Strip with the examples below to determine whether  $\geq 5$  ppb Lead is Detected (Positive) or if Lead is Not Detected (Negative). An Invalid Test occurs if no band forms.

##### a Compare Results

###### Lead Not Detected (Negative)



No visual indicator of a second line; only the right “control” is visible. No lead  $\geq 5$  ppb is detected.

###### Lead Detected (Positive)



Visual indicator of a clear, second line to the left of the “control” line.  $\geq 5$  ppb lead is detected in your sample.

##### b Report Results



Scan this QR code for instructions on reporting your results. Providing your results in a timely manner helps your community prioritize remediation efforts.

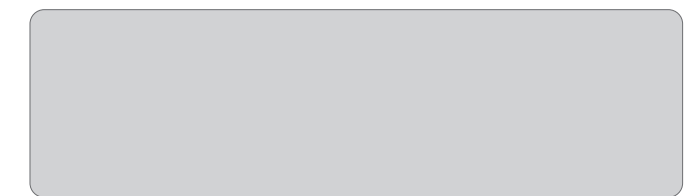
<https://app.stemloop.com/>

**Note: Report results within 5 minutes of test completion.**

Was lead detected?

Not Detected (Negative) | Detected (Positive) | Invalid Test

For the requested photo(s), please use this gray box as a background to capture an accurate picture.



All test materials can be safely disposed of in the garbage.

Thank You for Using uSense™ for Lead



**Disclosures:** This test provides approximate results only when used in accordance with written instructions.

Stemloop, Inc. disclaims any liability for use of product, for failure to follow instructions, or for reliance on test results.

Patents Pending.