



DO IT YOURSELF
WELL WATER TEST KIT
TROUSSE MAISON
TROUSSE D'ANALYSE
EAU DE PUIS
PARA HACER USTED MISMO
KIT DE ANALISIS DE
AGUA DE POZO



ESP
FR-CA
EN

All rights reserved by Tous droits réservés par / Todos los derechos reservados por EnviroTestkits, a division of / une division de / una división de Environmental Laboratories, Inc., Madison, IN, USA. © 2019

QUESTIONS / PREGUNTAS?
For questions about the test process, your test results, or if you'd like to have additional testing done at our EPA-Certified laboratory, please contact us: Si vous avez des questions au sujet de l'analyse, des résultats obtenus ou si vous souhaitez faire effectuer des analyses supplémentaires dans notre laboratoire certifié EPA, veuillez nous contacter aux coordonnées suivantes: Si tiene preguntas sobre el proceso del análisis, los resultados de sus análisis o si quiere que se hagan otros análisis en nuestro laboratorio certificado por EPA, por favor comuníquese con nosotros llamando al:

888-932-6699 @ SafeHomeTestkits.com

Don't guess...TEST!

Test Strip Handling / Manipulation de la bandelette de test / Manipulación de las tiras para análisis

TEST STRIP TYPES / TYPES DE BANDELETTE DE TEST / TIPOS DE TIRAS PARA ANALISIS

Three types of dip tests are used throughout the testing process for the different contaminants: **Padded Test Strips (a)**, **Aperture Test Strips (b)**, and **Line Test Strips (c)**. / Trois types de tests par trempage sont utilisés durant le processus d'analyse de différents contaminants: **les bandelettes de test coussinées (a)**, **les bandelettes à ouverture (b)** et **les bandelettes de test à ligne (c)**. / Se usan tres tipos de análisis para sumergir tiras durante todo el proceso de análisis para los diferentes contaminantes: **Tiras tipo almohadilla para análisis (a)**, **tiras para análisis con orificio (b)** y **tiras para análisis con líneas (c)**.

fig. a. Padded Test Strip / Bandelette de test coussinée / Tira tipo almohadilla para análisis

Color change on the surface of the test pads indicates contaminant level. / Les changements de couleurs sur la surface des coussinets indique le niveau de contaminant. / El cambio de color en la superficie de las tiras tipo almohadilla para análisis indican el nivel del contaminante.



fig. b. Aperture Test Strip / Bandelette de test à fente / Tira de análisis con orificio

After removing from water, fold test strip at mid-point, back and under the aperture for a white viewing background and more accurate color reading. / Après l'avoir retirée de l'eau, plier la bandelette en deux vers l'arrière et sous la fente afin de produire un fond blanc pour mieux évaluer les couleurs. / Después de quitarla del agua, doble la tira por la mitad, hacia atrás, para que quede debajo del orificio para ver contra un fondo blanco y así tener una lectura de color más precisa.

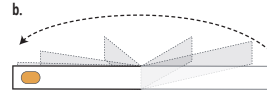
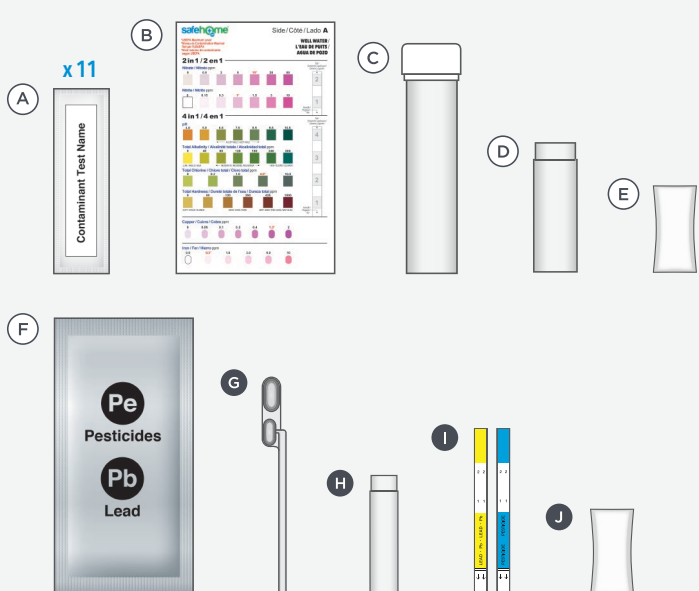


fig. c. Line Test Strip / Bandelette de test à ligne / Tira para análisis con líneas

Blue lines will appear in different places on the test strip, indicating a positive or negative test result. / Des lignes bleues apparaîtront à différents endroits sur la bandelette de test, indiquant un résultat soit positif, soit négatif. / Aparecerán líneas azules en diferentes lugares de la tira para análisis, indicando un resultado positivo o negativo.



Box Contents / Ce qui se trouve à l'intérieur / Qué hay adentro



- A 11 small white foil pouches (11 test strips containing 15 total tests)
- B 1 color card
- C 1 vial with white cap (4") for Bacteria test
- D 1 small vial (2 1/4") for Phosphate test
- E 1 desiccant packet (to be discarded)
- F 1 large silver foil pouch (Pesticides and Lead tests)
 - G 1 eye dropper
 - H 1 vial
 - I 2 test strips
 - J 1 desiccant packet (to be discarded)

- A 11 petites pochettes blanches en papier d'aluminium (11 bandelettes de test contenant 15 analyses au total)
- B 1 carte de couleurs
- C 1 ampoule (4 po) avec capuchon blanc pour de tests bactériens
- D 1 petite ampoule (2,25 po) pour test de phosphate
- E 1 sachet de déshydratant (à jeter)
- F 1 gros sac en papier d'aluminium (pour test de pesticides et de plomb)
 - G 1 pipette compte-gouttes
 - H 1 ampoule
 - I 2 bandelettes de test
 - J 1 sachet de déshydratant (à jeter)
- A 11 sobres pequeños de papel de aluminio blanco (11 tiritas para análisis que contienen en total 15 análisis)
- B 1 tabla de colores
- C 1 frasco (4") con tapa blanca para análisis de bacterias
- D 1 frasco pequeño (2.25") para análisis de fosfato
- E 1 paquete desecante (para botar)
- F 1 sobre de papel de aluminio plateado (para análisis de pesticidas y plomo)
 - G 1 pipeta gotero
 - H 1 frasco
 - I 2 tiras para análisis
 - J 1 paquete desecante (para botar)

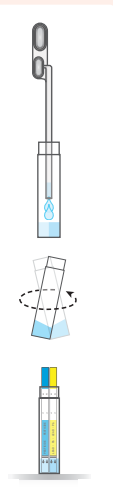
Testing Instructions

For each test, follow the steps as labeled in the chart below from left to right. Conduct only one test at a time.

Contaminant	Testing Steps					Interferences
	Step 1 DRAW	Step 2 DIP	Step 3 REMOVE	Step 4 MATCH	Step 5 RECORD	
2 in 1 *Nitrate as N *Nitrite as N	●	2 seconds	wait 60 seconds	within 60 seconds		under certain conditions, a gray color test pad may result, which also indicates an absence of the contaminant
4 in 1 **pH (Total Alkalinity) (Total Chlorine) (Total Hardness)	●	5 seconds	wait 10 seconds	within 20 seconds		other oxidizers
**Copper, Cu ⁺¹⁺²	●	15 seconds	wait 30 seconds while waiting, fold strip's handle behind its aperture (fig. b)	within 20 seconds		high levels of other metals
**Iron, Fe ⁺²	●	1 second	wait 30 seconds while waiting, fold strip's handle behind its aperture (fig. b)	within 20 seconds		none known
*Hexavalent Chromium, Cr ⁺⁶	●	2 seconds	wait 30 seconds	within 45 seconds		high levels of other metals
*Mercury	●	60 seconds	wait 30 seconds while waiting, fold strip's handle behind its aperture (fig. b)	within 15 seconds		high levels of other metals or presence of other oxidizers such as Chlorine
**Silver	●	30 seconds	wait 10 seconds while waiting, fold strip's handle behind its aperture (fig. b)	within 20 seconds		high levels of other metals or presence of other oxidizers such as Chlorine
**Sulfate	●	10 seconds	wait 20 seconds	within 20 seconds		none known
**Zinc	●	3 seconds	wait 20 seconds	within 20 seconds		high levels of other metals
**Chloride	●	10 seconds	wait 30 seconds	within 10 seconds		high levels of other metals
(Phosphate)	First, fill the small vial (2.25") to the top line with water and place the color chart on a flat surface. Next, dip the Phosphate test strip into the vial.	20 seconds with a gentle up and down motion	Remove and discard Phosphate test strip wait 40 seconds place the sample vial on top of the color chart's white circles; viewing from the top, slide the vial from one circle to the next until the best color match is found	within 15 seconds		high levels of metals
*Lead						in rare cases, blue lines either won't appear on the test strips or will be very light; this is caused by uncontrollable background interferences and the test is inconclusive
*Pesticides						see next page for test instructions
*Bacteria (Total Coliform, including E. coli)						see next page for test instructions

*Pesticides & *Lead

1. Wash hands before starting. Open the foil pouch marked Pesticides & Lead at the tear notch and remove all contents. Discard the desiccant packet.

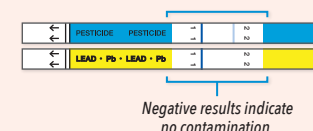


- Place exactly two droppers-full of freshly drawn water into the small test vial.
- Pick up the small vial and gently swirl it for several seconds, then set it upright on a flat surface.
- You will be conducting both tests at the same time. Place both test strips fully into the vial with the arrows pointing downward. Allow the vial to sit undisturbed for 10 minutes.

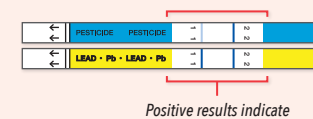
5. After 10 minutes have elapsed, remove the test strips from the vial and lay them on the flat surface with the arrows pointing to the left. Blue lines will appear on each test strip. Read the results of the tests as illustrated.

INTERPRET YOUR TEST RESULTS

- If the left line (next to #1) is DARKER than the right line (next to #2), your test result is **NEGATIVE**.
- If only the left line (next to #1) is visible, your test result is also **NEGATIVE**.



- If the right line (next to #2) is DARKER than the left line (next to #1), your test result is **POSITIVE**.
- If both the left line and right line are **EQUALLY DARK**, your test result is also **POSITIVE**.



Positive results indicate contamination is likely above (does not meet) EPA Standards:
 - Lead=0.015 ppm
 - Atrazine (Pesticide)=0.003 ppm
 - Simazine (Pesticide)=0.004 ppm

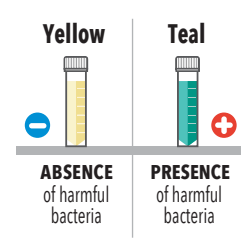
*Bacteria–Total Coliform, including E. coli

1. Wash hands before starting. Remove the test vial (4") with the white tamper-evident cap from the box. Turn on the cold water tap and allow it to run for about 5 minutes, then reduce the flow to about the diameter of a pencil. Remove the cap completely. Tilt the vial slightly and slowly fill it to the 25 ml mark. It is best to not go above this mark. Do not overflow the vial. (may create invalid results).



- Replace the cap tightly. Shake well until the media inside the vial dissolves completely. Set the vial upright on a flat surface.
- Incubate your water sample indoors or outdoors between 70° F–105° F (21° C–40° C). Keep out of direct sunlight. An incubation temperature of 95.5° F / 35.3° C is best.
- After proper incubation time has elapsed (24 to 72 hours) and results are evident, without opening the vial, observe the color of the liquid. Detection of bacteria can occur as fast as *24 hours (*speed of results may vary).

VIEW TEST RESULTS



Yellow = Absence of coliform bacteria (negative result). Note: as long as the water sample inside the vial is a clear to yellow color, allow it to continue to incubate for up to 72 hours to confirm the absence of bacteria.

Teal or Blue/Green = Presence of coliform bacteria detected (positive result)—this could include E. coli.

5. When the test is complete, open vial and discard liquid into toilet. Place a few drops of household bleach into the vial, cap it, shake it and once again discard the contents into toilet. Recap the vial and discard in trash can. Wash your hands thoroughly with soap and warm water.

