



## XINIX FreeBact® 48H TTC Dipslide Liquid & surfaces

Xinix Freebact® is a reliable protection; destroys ALL viruses, fungi & bacteria such as E-Coli, Legionella and SARS-COVID.

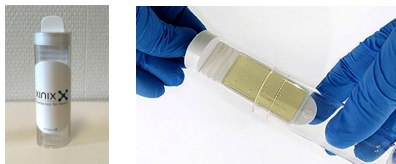
Now you can test your water/surfaces before and after: results after 48 hours.

TTC = Triphenyl tetrazolium chloride, sometimes called Red Spot Dye. Bacteria in a sample reacts with TTC and produce a red colouration. This means that the bacteria colonies appear as red spots, easier to view and count spots on the dipslide.

**BEFORE**  
Xinix treatment  
(use white label)



**AFTER**  
Xinix treatment  
(use blue label)



### Step 1A: Remove slide (white label)

Use new plastic gloves. **Carefully remove the sterile Dipslide from its tube ensuring that no contact is made with the agar** (the doubled-sided gel pad), to avoid contamination. Choose method (liquid/surface/swab) **Step 2**.

Put the tube in a warm place overnight. Check for red spots on the slides.

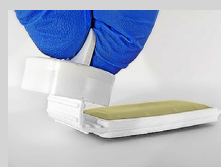
The test is negative, if nothing grows after 48 h.

### Step 2: different methods



#### LIQUID Testing

For liquid testing, immerse the Dipslide into the fluid for 10 seconds then remove and allow to drain for a few seconds.



#### SURFACE testing

For surface testing, press the Dipslide onto the surface. If needed, place a finger on the bottom of the slide (on the plastic, not the agar) to apply extra pressure.



#### SWAB testing

Apply a sample of the test substance to a sterile swab and gently apply to the agars.

Wait 48 hours



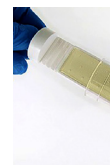
### Step 1B: Treat with Xinix

Treat SIMILAR water or surface as for 1A with Xinix products according to the instructions.



### Step 1C: Remove slide (blue label)

Use new plastic gloves. **Carefully remove the sterile Dipslide from its tube ensuring that no contact is made with the agar** (the doubled-sided gel pad), to avoid contamination. Choose method (liquid/surface/swab) in **Step 2**. Put the tube in a warm place overnight. Check for red spots on the slides.



The test is negative, if nothing grows after 48 h.

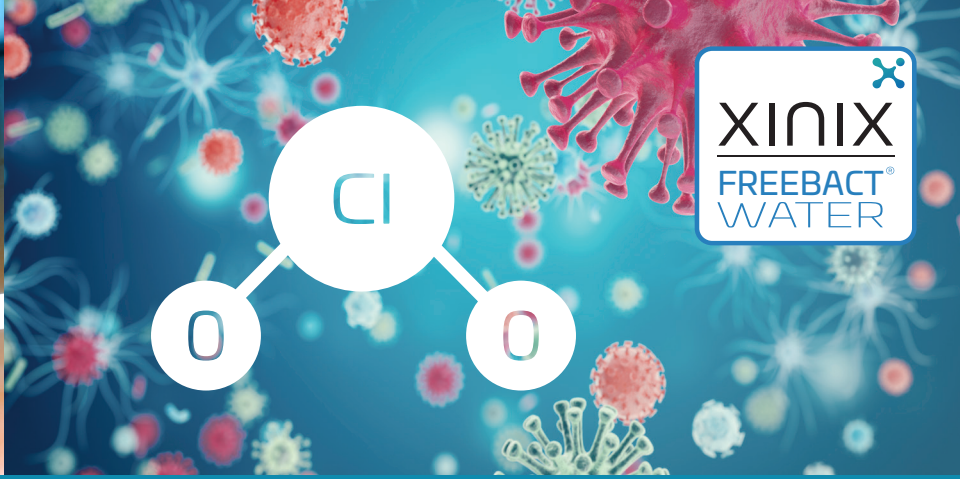
### Step 3: Compare results

See next page.



Compare white label tube and blue label tube.








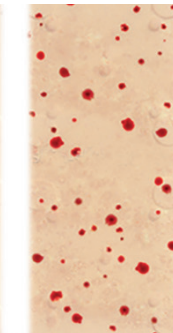
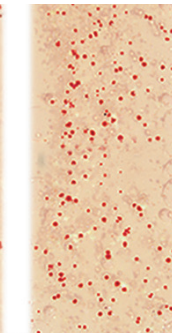
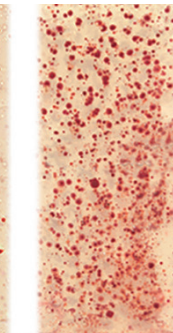
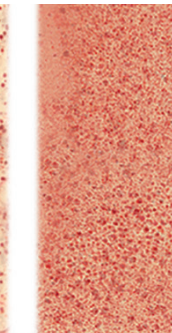
## FACTS

Chlorine dioxide (ClO<sub>2</sub>) is a **GAS** by nature – but Xinix has managed to stabilize and bind it into **LIQUID FORM**.

Chlorine dioxide is not a new disinfectant; it was discovered 1811 by Sir Humphry Davy. It is well-renowned as one of the worlds most efficient disinfectants. It has since then primarily been used for treatment of drinking water, but on a bigger scale only in industries. With Xinix FreeBact® now available in your pocket!

After treating your water with Xinix FreeBact®, only small amounts of byproducts remain. Compare this to other water disinfectants, where you actually might drink chlorine. With Xinix FreeBact® all the good minerals will also remain in the water.

**Step 3: Count the amount of red spots that have grown on the Dipslide and compare them to the comparison chart below.**

Approx red spots per agar	0	2	12	60	200	500	600+
Example images							
CFU = Colony forming units (red spots)							
Fluids (CFU/ml) Level of infection	None detectable	100	1000	10.000	100.000	1.000.000	10.000.000
Surfaces (CFU/cm <sup>2</sup> ) Level of infection	None detectable	0.4	2.5	12	40	100	250

## INFO

The number of red spots represents the number of cfu (colony forming units), which are living bacteria or yeast. For example a dipslide with 60 red spots amounts to 10.000 bacteria per ml water or 12 bacteria per cm<sup>2</sup> of surface. **The test is negative, if nothing grows after 48 h.**

Please remember, that this test is only semi-quantitative and does not represent a microbiological analysis from a certified laboratory. (Dipslides do not detect viruses)

