ColiPlate™ Instructions for Use:

The easiest and most common means of filling the microplate, ColiPlate™ with sample water is as follows:

1. Remove the microplate lid. Using the sample bottle in which the water sample was collected, gently pour a small stream of water onto the plate, running the stream along each row of wells so that water enters each well. Using sample bottles with smaller necks makes the pouring easier. When all wells are full and excess sample water remains on the plate, gently tap the side of the microplate to dislodge any air bubbles which may remain in the bottom of some wells. To ensure that all wells are full, view the plate in a manner where light is reflected off the surface of the wells to your eye. Top up any wells which are not full.

2. To remove excess water from the top of the plate, tilt the plate on a slight angle to one of the plate corners and drain off. Again, tap the plate while tilted to assist draining excess water off the top of the wells. Use a paper towel or tissue to wick away the last few drops of water at the low corner of the plate. Viewing the surface of the plate in reflected light should now reveal that all wells are full, that the surface water on each well has a slight concave shape, and that no excess water remains on the surface of the plate. If any wells remain unfilled, top up with a little more sample water and drain off excess.

3. Replace microplate lid and incubate at 35°C for 24 to 30 hours.

INTENDED USE:

The ColiPlate™ is a convenient and accurate test for quantitative measuring of total coliforms and E. coli. The test is designed to meet regulatory guidelines for surface waters, recreational waters, processing waters and wastewaters. The ColiPlate™ enables a quantification of coliforms and E.coli density ranging between ca. 3 to 2,400 cfu/100mL in a single test unit without dilution.

The distinctive blue/green coloration of positive tested samples enables analysis of brownish, turbid or rust filled water.

Please contact EBPI (Environmental Bio-Detection Products Inc.) with any questions or concerns at info@BioToxicity.com.