CREATIVE BIOMART®
Assay Kit

Somatic Coliphages Water Testing Kit

Product Information

Common Name

Somatic Coliphages

Cat.No. Kit-2444

Product Overview

Somatic Coliphages Water Testing Kit qualitatively detects as little as one coliphage per 100 mL water sample. This method gives an early warning indicator of ground water contamination.

Description

Somatic Coliphages is a kind of bacteriophages that infect Escherichia coli. It has been used in academia as both fecal and viral indicators for many years.

Storage

Store at 4-8 centigrade

Size

1kit (100 assays)

Assay Protocol

The method involves adding a media pouch and Escherichiacoli tablet to a 100 mL water sample and incubating for five hours at 39°C. After incubation for five hours, the culture is transferred to fluorescent media and incubated three additional hours. If the culture fluoresces, it is over 90% predictive of coliphage presence and fecal contamination. The 5-hour culture is also spotted on to a prepared, seeded agar plate of E.coli for overnight confirmation and verification of plaque formation, 16 hours from the beginning of testing.

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA