

# Solution for your water testing.

Water Testing has become one of the major concerns for authorities in Malaysia. We at FC-BIOS offer a comprehensive product range for your water analysis services and help you to fulfill the standard method requirements.

## US EPA Standard Presence/absence or MPN Plate



### » Colitag™ Water Test Kit

Designed and USEPA approved for water quality testing, Colitag™ is the simplest and most flexible method for Total Coliforms and E. coli. Available in Presence/Absence or Most Probable Number formats, Colitag™ delivers fast, reliable and definite results in the field or the laboratory.

- A presence/absence or most probable number test for total coliforms and E. coli in water
- Offers results in 16–48 hours
- Qualitative and quantitative results

#### » Ordering Information

Item #	Product Description
N13-9850	Colitag P/A water test kits, 20 tests/kit
N13-9851	Colitag P/A water test kits, 100 tests/kit
N13-9857	Colitag comparator, 100mL
N13-9859	Sample containers, screwtop, with sodium thiosulfate, 100/pack
N13-9856	Sample containers, screwtop, without sodium thiosulfate, 100/pack
N02-B01402	Whirl-Pak® Stand Up Thio-Bags®, 100mL, 100/pack



## APHA Standard Chromogenic Culture Media

### » Presumptive Phase (Detection of Coliforms)

#### » Lauryl Sulphate Broth (Lauryl Tryptose Broth)

- Brand: HiMedia, India
- Item #: H05-M080

### » Confirmation Phase (Confirmation of Total Coliforms)

#### » Brilliant Green Bile Broth 2%

- Brand: HiMedia, India
- Item #: H05-M121

### » Completed Test (Determination of E. Coli)

#### » MUG EC Broth

- Brand: HiMedia, India
- Item #: H05-M1042



# ISO 9308-1:2014

## Membrane Filtration Method

### Chromogenic Culture Media & Reagent

- » Detection of *E. coli* and coliforms in water samples
  - » HiCrome™ Chromogenic Coliform Agar (CCA)
    - Brand: HiMedia, India
    - Item #: H05-M1991I
  - » Confirmation test for *E.coli*
    - » Kovac's Indole Reagent
      - Brand: HiMedia, India
      - Item #: H05-R008



### Membrane Filter Setup

#### » Filtration Setup - with Filter Funnel

- Filter Funnel with Clamp - 47 mm Membrane
  - Brand: Tarsons, India
  - Item #: T38-050040
- MCE Membrane Filter, 0.45 µm, 47 mm
  - Brand: Membrane Solutions, USA
  - Item #: DM01-MFMCE047045CW
- 1/4 x 3/8 x 1/16 180 PVC Tubing
  - Brand: Nalgene, USA
  - Item #: F10-8000-9060
- Vacuum Pressure Pump complete with gauges & regulators
  - Brand: Membrane Solutions, USA
  - Item #: T43-VPJ0501
- Midisart 2000 PTFE Membrane
  - Brand: Sartorius, Germany
  - Item #: S80-17804-E
- 1000 mL Filtering Flask
  - Brand: Tarsons, India
  - Item #: T38-442120

#T38-442120



#T38-050040

#### » Filtration Setup - with Manifold

- Filter Funnel with Clamp - 47 mm Membrane
  - Brand: Tarsons, India
  - Item #: T38-050040
- MCE Membrane Filter, 0.45 µm, 47 mm
  - Brand: Membrane Solutions, USA
  - Item #: DM01-MFMCE047045CW
- 1/4 x 3/8 x 1/16 180 PVC Tubing
  - Brand: Nalgene, USA
  - Item #: F10-8000-9060
- Vacuum Pressure Pump complete with gauges & regulators
  - Brand: Membrane Solutions, USA
  - Item #: T43-VPJ0501
- Midisart 2000 PTFE Membrane
  - Brand: Sartorius, Germany
  - Item #: S80-17804-E
- 2000 mL Heavy Duty Vacuum Bottle
  - Brand: Tarsons, India
  - Item #: T38-583255
- Filling/Venting Closure 53mm
  - Brand: Tarsons, India
  - Item #: T38-583216
- 3 Places Vacuum Manifold
  - Brand: Tarsons, India
  - Item #: T38-050050



#T38-050050

# ISO 9308-2:2012

## Most Probable Number(MPN) Method

### Microbiology Media

- » Detection of *E. coli* and coliforms in water samples
  - » HiCrome™ Chromogenic Coliform Agar (CCA)
    - Brand: HiMedia, India
    - Item #: H05-M1991I