

Microbiology – Coliform/*E.coli* Test Kit

- Early identification of bacterial contamination
- Simple one step procedure
- Coliforms and *E.coli* in one test
- 100ml sample (regulatory reporting)
- Detects one CFU/100ml

Potable water is our most important nutrient, used for both drinking and cooking. The water being used for personal hygiene and all types of cleaning requires the same high quality. It is therefore important to have enough water of satisfactory quality to cover all types of usage. Safe potable water secures good health, but water can also contain hazardous microbes that cause infectious disease or food poisoning.

Coliform and *E.coli* are good indicators of general bacterial contamination and, because they are easy to test for, make ideal indicator bacteria to monitor in water courses, tanks and pipe work. WHO guidelines on potable water quality state that zero Colony Forming Units (CFU) of coliforms and *E.coli* should be present per 100ml of water sample.

The Lovibond® system tests 100ml samples and will indicate the presence of just one CFU/100ml.



The test uses a pre-dispensed dry blended reagent formulation for total coliform and *E.coli*. Positive samples are detected by a visible colour change. Performing the coliform test is simple. Add one sachet to 100ml of water, incubate and note the colour change. The formation of a yellow colour in 24 hours or less indicates the presence of total coliforms. Positive tubes are then checked for the presence of *E.coli* by looking for fluorescence under UV light.

A simple, reliable technique which enables the rapid, confirmed enumeration of both total coliforms and pathogenic *E.coli*.

The Lovibond® DI 10 dipslide incubator is ideal for correct incubation of samples prior to reading, see page 21 for information.

Code: 56K009701

Coliform/*E.coli* Test Kit

This kit includes:

Code	Article	Tests/Pack
56B002125	Coliform/ <i>E.coli</i> test set (includes 25 test sachets & 25 sample bags)	25
56B001425	Coliform/ <i>E.coli</i> sachets	25
56B001525	100ml Sample Bags (with thiosulphate)	25
56B001601	UV Lamp (battery operated)	–

Optional Extra:

56B000701	DI 10 Dipslide Incubator	–
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