



Presence/Absence Total Coliform & E. coli Test

For Microbial monitoring

Delivering simplicity and affordability through innovation.

This is a simple reliable technique which uses a dry medium to enable the rapid confirmed enumeration of both total coliforms and E.coli.

The media turns blue-green in the presence of coliform bacteria (as illustrated in photo).

E. coli growth is confirmed by blue fluorescence under UV light or using a Kovacs reagent.

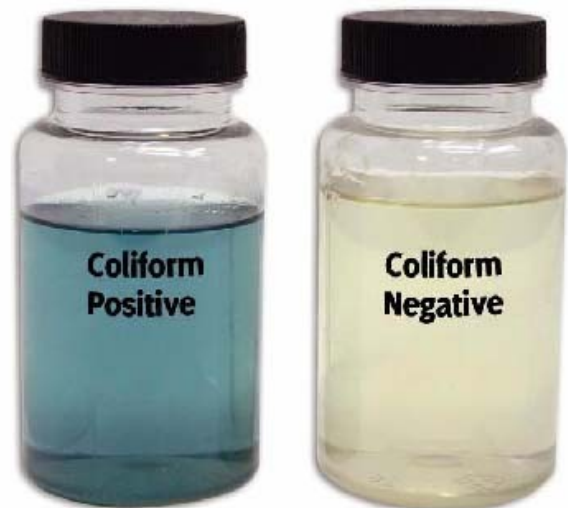
The sample should be incubated for 24 hours at 35 deg C or 48 hours at 25 deg C. After the 24 hour or 48 hour incubation time observe the colour of the sample.

DTK MUG tests are supplied as single units or in packs of 12 and come complete with full instructions.

For continuity it is important to ensure that the incubation period and temperature is consistent each time the test is performed and we offer a wide range of incubators of which some are dual voltage and can be used in mobile applications.

Disposal

If results are positive add bleach to the sample before pouring down the toilet.



For Coliform Confirmation :

- a) CLEAR/YELLOW = NEGATIVE for Coliforms
- b) BLUE/GREEN = POSITIVE for Coliforms

For E. coli Confirmation :

Shine a UV light (approx 365nm) from the bottom of the sample while avoiding looking directly at the light.

- a) NO FLUORESCENCE = NEGATIVE for E.Coli
- b) BLUE FLUORESCENCE = POSITIVE for E.Coli

If further confirmation of E. coli is desired add 1ml of Kovac's Indole reagent (sold separately) to the sample, recap the bottle and wait 30 seconds.

A RED ring will form if E. coli is present.

Options :

Description	No. Tests	Code
Single MUG test	1	MUG1
Multiple MUG test	12	MUG12