

E. COLI AND TOTAL COLIFORM RAPID TESTS TO MEET ANY NEED.

ColiComplete



ColiComplete simultaneously detects total coliforms and *E. coli* in food, dairy and environmental samples (AOAC Official Method 992.30). Results are confirmed with no subculturing required. Just add the patented ColiComplete discs to lauryl sulfate tryptase broth (LST) tubes or ColiTrak unit at time of inoculation. Use the Most Probable Number (MPN) format for quantitative results, especially where low levels of organisms or particulate matter are present. Use in presence/absence format as an easy, user-friendly way for HACCP monitoring. You get confirmed *E. coli* results in as few as 28 hours, and confirmed total coliforms in 48 hours.

ColiConfirm



ColiConfirm confirms presumptive total coliform results in ColiTrak, ColiTrak Plus and conventional test tubes. Patented substrate supporting discs turn blue to indicate confirmed results after 24-hour incubation. This eliminates subculturing, saving time and labor.



POSITIVE TEST



NEGATIVE TEST

ColiTrak



ColiTrak detects total coliforms in food, dairy, water and environmental samples. Each unit has nine self-contained chambers filled with LST, the AOAC-specified medium for total coliform analysis. Use the MPN format for quantitative results, especially where low levels of organisms or particulate matter are present. Use in the presence/absence format as an easy, user-friendly way for HACCP monitoring. After 24 and 48 hour incubation, gas bubbles in the viewing area presumptively indicate positive total coliform results. (Photo A)

ColiTrak Plus



ColiTrak Plus employs the same unit and procedures as ColiTrak, but also incorporates 4-methylumbelliferyl- β -D-glucuronide (MUG) for the detection of *E. coli*. After as few as 28 hours of incubation, fluorescence in the chambers indicates positive *E. coli* results. (Photo B)



A
Positive
total
coliform
result



B
Positive
E. coli
result

ColiComplete ColiTrak Plus

COMPLETE LINE OF RAPID TESTS DESIGNED FOR YOUR SPECIFIC NEEDS.

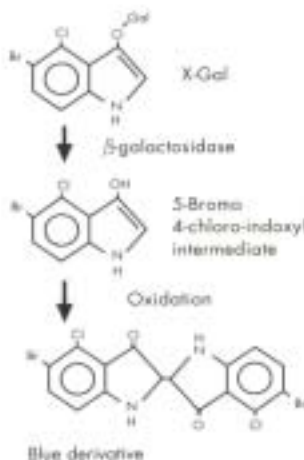
Situations and requirements can vary greatly when testing for the presence of coliforms and *E. coli*. Sometimes you look for quantitative results, while other times you only need to know whether your sample is "within spec". Standard plating and film methods often work poorly with test samples containing particulates or with those coliform organisms that generate gas profusely. BioControl understands your varying needs and has designed a family of highly accurate rapid tests specifically to address these different testing situations. Our tests come in two user-friendly formats. ColiTrak and ColiTrak Plus are handy, self-contained plastic test units that are disposable after use. ColiComplete and ColiConfirm feature our patented substrate-supporting discs for use with conventional LST tubes or with a ColiTrak unit. Check the chart below for the products that best meet your testing needs or simply talk with BioControl's technical support staff to help you determine which methods are best for your particular situation.

Product	Organisms tested		Uses		Results	
	Total Coliforms	<i>E. coli</i>	Quantitative (MPN)	HACCP Monitoring	Presumptive	Confirm
ColiTrak	•		•	•	•	
ColiTrak Plus	•	•	•	•	•	
ColiComplete	•	•	•	•	•	•
ColiConfirm	•		•	•	•	•

How ColiComplete works.

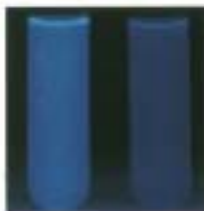
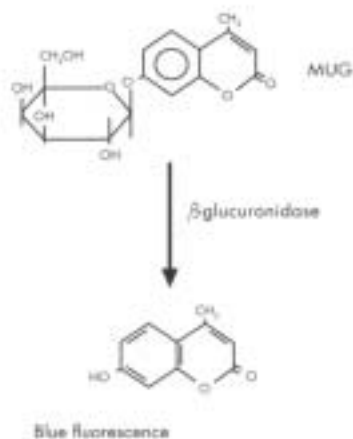
ColiComplete allows simultaneous but separate testing of total coliforms and *E. coli* carried out in the same sample with just one step. ColiComplete is designed to be used with LST, the standard AOAC specified medium used for coliform testing. Just add one disc to an LST tube at time of sample inoculation.

To detect the presence of total coliforms, ColiComplete utilizes 5-bromo-4-chloro-3-indolyl- β -D galactopyranoside (X-Gal) as the indicator nutrient.



The presence of a blue color on the disc or in the surrounding medium indicates a confirmed total coliforms result.

At the same time, ColiComplete incorporates the MUG reagent to detect *E. coli*.



The test tube on the left, with milky blue fluorescence under ultraviolet light, is a MUG positive reaction and is a confirmed result for *E. coli*. The test tube on the right is a negative reaction.

BIOCONTROL

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BioControl,® ColiComplete,®
ColiControl,® ColiTrak,® and
ColiTrak Plus,® are registered trade-
marks of BioControl Systems, Inc.
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patents #6,888,110, #5,405,721,
#639,257, #1,313,114, #D,303,711
and #0,479,172.

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