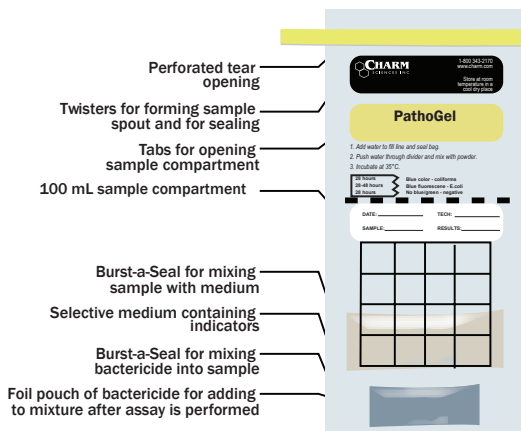


Charm PathoGel Test

for Detection of Coliform, *E.coli* and Hydrogen Sulfide in Food and Water

28
hours

Product Overview



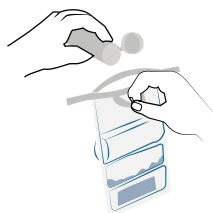
Charm® PathoGel is a single assay that selectively grows, detects and quantitates coliform, *E.coli* and hydrogen sulfide producing Enterobacteriaceae in food and water. This single test can be used for both finished product and process stage testing.

The selective medium contains a gelling agent to immobilize bacteria. Coliform produce galactosidase, which forms blue colonies in 28 hours. *E.coli* produce galactosidase and glucuronidase which form blue and fluorescent colonies in 28-48 hours. Hydrogen sulfide producing Enterobacteriaceae—of which *Salmonella* is a genus—form a black precipitate in 28-48 hours. Individual CFU are countable and comparable to a plating result.

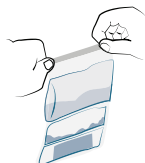
Charm Pathogel Test:

- ✓ Tests for the presence/absence of coliforms, *E. coli* and hydrogen sulfides in food and water
- ✓ Contains a unique single-use self contained, Burst-a-Seal bag
- ✓ Shows results in 28 hours
- ✓ Black for presence/absence of Enterobacteriaceae
- ✓ Fluorescent spots for quantifying *E. coli*
- ✓ Bactericide disposal option

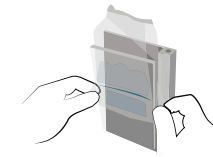
Simple Procedure



Add 100 mL diluted food matrix or water to top pouch



Whirl seal. Then burst sample to next compartment

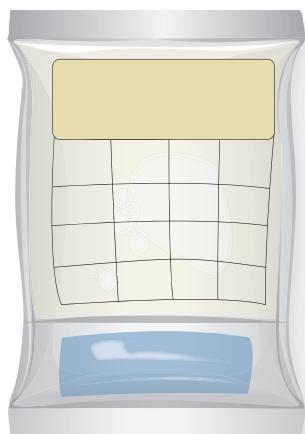


Incubate 35 °C then read result

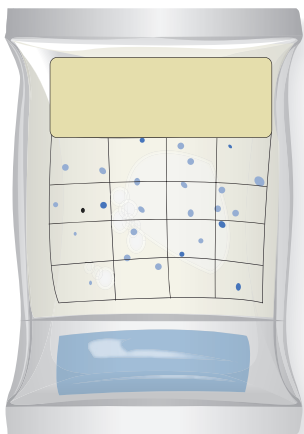


Burst foil bactericide to dispose

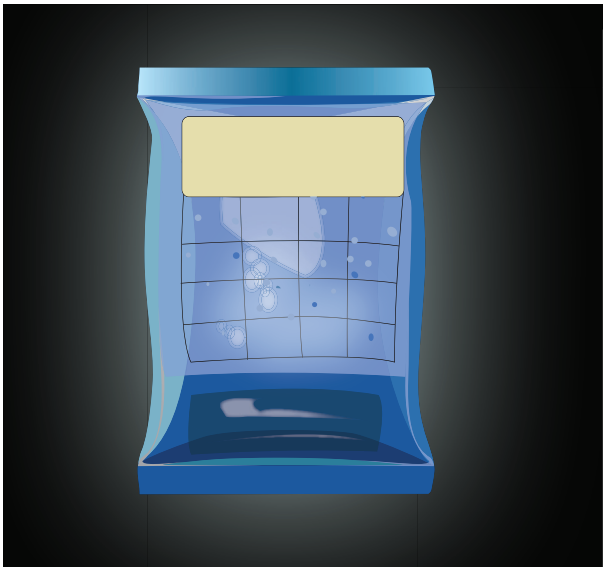
Easy Visual Interpretation



Negative



Blue spots quantify coliform.
Black indicates presence of
Enterobacteriaceae



Blue spots that
flourese are positive
E. coli.

Ordering Info

Order Codes	Each Kit Includes
PATH-25K PATH-100K	PathoGel Canisters

See Operator's Manual for additional kits and order codes