PRODUCT PROFILE

RapidChek® *Listeria*

RapidChek® *Listeria* species is fast, simple, and accurate. Get the technically advanced results you need while simplifying your testing program.

RapidChek® *Listeria* species from SDIX is a breakthrough in *Listeria* testing. Our test system is the first system that offers a single enrichment media for food and environmental samples. No sample transfers and a single media to prepare makes your life easier.

SDIX is a global leader in custom antibody development and lateral flow tests. From this expertise has come a revolutionary new screening system for pathogens

Benefits of RapidChek® *Listeria*

- Single step enrichment
- Faster results
- Minimal training needed
- No capital expense required
- Lower total cost in use
- No amendments during enrichment

How RapidChek® Works.

The RapidChek® lateral flow system is an immunoassay, which employs a unique combination of anti-*Listeria* antibodies and a highly engineered colloidal gold conjugate coated on the surface of a membrane. The sample moves up the test strip by capillary action. If *Listeria* is present in the sample, two red lines will form.

The test is used in combination with a single proprietary enrichment broth for a rapid 40-hour test with no transfers.

The RapidChek® *Listeria* media system consists of two components, a base media and a supplement. The base component is a powder, which is mixed directly with sterile water for immediate use. If desired, the base can be autoclaved and stored refrigerated for up to two weeks. The supplement is a powder, which is added to the prepared base just prior to use.

After enrichment, the sample is dispensed into a test tube and heated for 5 minutes. The test strip is added directly to the sample tube. Wait just ten minutes for the results. One line indicates a negative result while two lines indicate a positive result. The control line is built into the lateral flow strip so you know the test has worked correctly. Test kits are stored at room temperature.

Applications

The RapidChek® *Listeria* Lateral Flow Test method is designed to detect *Listeria* spp on environmental surfaces, a variety of ready to eat foods, (such as deli meats, chicken nuggets, pepperoni, hot dogs, chicken salad, and potato salad), dairy products (such as ice cream, soft cheese, and milk), and fish products (such as cooked shrimp and smoked fish). The test kit permits the presumptive detection and identification of the target pathogen by a one step process in 40 hours.

Packaging

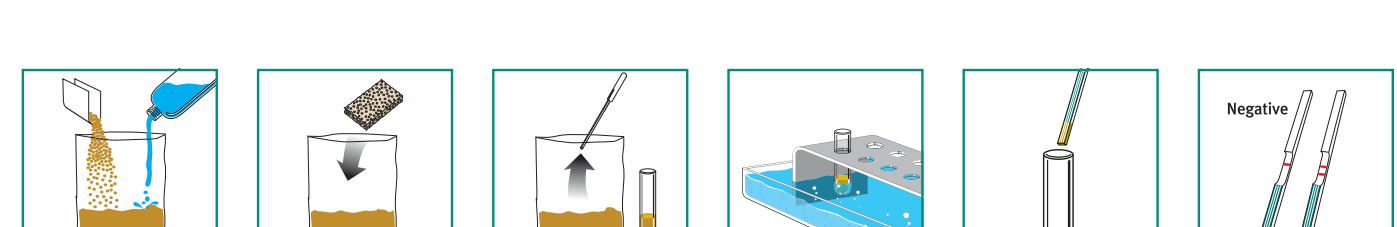
RapidChek® is available in kits of 45 tests. Test methods are available in two configurations–environmental and food test methods. All materials to perform the assay are included in the kit. RapidChek® media, a proprietary media which can be used for a 40 hour incubation step is available separately.

RapidChek®. Simply Accurate.

RAPIDCHEK® *LISTERIA*

Pathogen Screening Quick Reference

Read the User's Guide instructions completely before performing any test.



1. Rehydrate RapidChek® *Listeria* enrichment media with supplement and add to sterile bag.
2. Place test sample in bag. Incubate at 30° C for 40-48 hours.
3. After incubation, transfer 0.4 mL aliquot to test tube.
4. Heat for 5 minutes at 100° C. Remove from heat and cool to room temperature.
5. Insert test strip.
6. After 10 minutes, read result.
   1 line = negative
   2 lines = positive

Ordering Information–RapidChek® *Listeria*

ITEM	DESCRIPTION	PART NUMBER
Environmental sample test kit	90 tests – Enrichment media included	7000174
Food sample test kit	45 tests – Enrichment media included	7000175
Test kit	45 tests – Media not included	7000171
Single Step Media system	500 g Base media, 10 g supplement	7000176

Also available:
RapidChek® *E. coli* O157, RapidChek® *Salmonella,* RapidChek® SELECT™ *Salmonella,* RapidChek® *Listeria* F.A.S.T. and RapidChek® SELECT™ *Salmonella* Enteritidis

111 Pencader Drive
Newark, DE 19702 USA

P 302.456.6789
F 302.456.6782
T 800.544.8881 USA

www.sdix.com