RapidChek® for *Listeria*

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

**BENEFITS OF RAPIDCHEK® FOR LISTЕRIA**

- Lower labor & material costs
- Faster results
- Minimal training needed
- No capital expense required
- Lower total cost in use

**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, 2 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 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 broth 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. RapidChek® can detect 1-cfu/25 grams of sample.

**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.
Pathogen Screening Quick Reference

Read the user's guide instructions completely before performing any test.

1. Add RapidChek® for *Listeria* enrichment media to sample bag.
2. Place test sample in bag. Incubate at 30°C for 40-48 hours.
3. After incubation, transfer aliquot to test tube.
4. Heat for 5 minutes at 100°C. Remove from heat and cool to room temperature.
5. Transfer sample to test tube and insert test strip.
6. After 10 minutes, remove strip and read result.

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**Ordering Information—RapidChek® for *Listeria***

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental sample test kit</td>
<td>90 tests—Enrichment media included</td>
<td>70000174</td>
</tr>
<tr>
<td>Food sample test kit</td>
<td>45 tests—Enrichment media included</td>
<td>70000175</td>
</tr>
<tr>
<td>High Volume Environmental system</td>
<td>990 tests—Enrichment media included</td>
<td>70000180</td>
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<tr>
<td>High Volume Food system</td>
<td>450 tests—Enrichment media included</td>
<td>70000181</td>
</tr>
</tbody>
</table>

**Also available:**
RapidChek® for *E. coli O157*, RapidChek® for *Salmonella*, RapidChek® SELECT™ for *Salmonella* and SDI-LIB for *Listeria*

**Contact us:**
Phone: 1-800-544-8881
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