How the Test Works
The RapidChek® Listeria NextDay™ technology couples a sensitive immune-detection strip with a single proprietary enrichment media for fast and accurate Listeria species results within 24 – 48 hours. The immune-detection strip employs a unique combination of proprietary Listeria antibodies and a colloidal gold conjugate coated on the surface of a membrane.

After enrichment, the sample is transferred into a provided test tube and heated for 5 minutes. The immuno-detection strip is then added directly into the sample and within 10 minutes results are read. One line indicates a negative result and two lines indicate a positive result. The test kits are stored at room temperature.

Applications
The RapidChek® Listeria NextDay™ method is designed to detect Listeria spp. on environmental surfaces and a variety of food matrices. The test kit permits the presumptive detection and identification of the target pathogen by a one step process in 24 – 48 hours.

Validations
RapidChek® Listeria NextDay™ is AOAC approved for use on various environmental samples (stainless steel, painted concrete, rubber, and plastic) and food samples (hot dogs, roast beef, frozen breaded chicken, frozen meatballs, whole milk, ice cream, ricotta cheese, shredded mexican cheese and cheese powder).

Confirmation
Presumptive positive results must be confirmed by a cultural reference method (USDA MLG or FDA BAM). Enriched RapidChek® Listeria NextDay™ media samples used in the test procedure prior to boiling can be used for confirmation.

PRODUCT FEATURES

Fast & simple procedure
- Next day results
- Simplified media preparation
- Minimal training
- No additional equipment

Easy resource management
- High scalability
- Kit storage at room temperature
- Long shelf life

Reliable results
- AOAC approved

FOOD PATHOGENS
RapidChek®
Listeria NextDay™

RapidChek® Listeria NextDay™ detects all species of Listeria for a complete solution for environmental monitoring and food testing programs, delivering accurate results.
RapidChek® *Listeria* NextDay™

Pathogen Screening Quick Reference

Read the Package Insert instructions completely before performing any test.

1. **Enrichment**
   
   One Day, One Media, One Transfer Step, No Supplement

   - Rehydrate media and autoclave (no additional supplement)
   - Incubate 24 – 48 hours
   - Transfer sample to a supplied test tube

2. **Assay**

   Simple Procedure, Simple Interpretation

   - Heat the samples for 5 minutes
   - Let the strip develop for 10 minutes (max. 20 minutes)
   - 1 line = negative
   - 2 lines = positive

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**Ordering Information—RapidChek® *Listeria* NextDay™**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test Strips</td>
<td>45 Tests - Enrichment media not included</td>
<td>10001361</td>
</tr>
<tr>
<td>Media</td>
<td>Enrichment Media: 500 g</td>
<td>10001409</td>
</tr>
<tr>
<td>Comb System</td>
<td>384 Tests - No Media Included</td>
<td>10001412</td>
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<tr>
<td>Environmental</td>
<td>180 Tests - Enrichment Media Included</td>
<td>10001413</td>
</tr>
<tr>
<td>Test System</td>
<td>45 Tests - Enrichment Media Included</td>
<td>10001420</td>
</tr>
</tbody>
</table>

**Also available:**
RapidChek® *E. coli* O157, RapidChek® SELECT™ *Salmonella*,
RapidChek® SELECT™ *Salmonella* Enteritidis, RapidChek® *Listeria*,
RapidChek® CONFIRM™ non-O157 STEC IMS Kit