**RapidChek® Listeria Quick Guide**

**RapidChek® Listeria Environmental System, 10001364**
Test Kit Includes:
- 2 x 45 test strips in a desiccated canister
- 90 transfer pipettes
- 90 sample tubes
- Package Insert
- 500 g bottle of RapidChek® media
- 10 g bottle of RapidChek® supplement (shipped and stored 2 – 8 °C)
Test Kit with Media System sufficient for 90 environmental tests and 9.4 L of media.

**RapidChek® Listeria Food System, 10001365**
Test Kit Includes:
- 45 test strips in a desiccated canister
- 45 transfer pipettes
- 45 sample tubes
- Package Insert
- 500 g bottle of RapidChek® media

**RapidChek® Listeria Test Kit, 10001361**
Test Kit Includes:
- 45 test strips in a desiccated canister
- 45 transfer pipettes
- 45 sample tubes
- Package Insert
- 500 g bottle of RapidChek® media
- 10 g bottle of RapidChek® supplement (shipped and stored 2 – 8 °C)
Test Kit with Media System sufficient for 45 food tests and 9.4 L of media.

**RapidChek® Listeria 40-Hour Single-Step Media System, 10001366**
System Includes:
- 500 g bottle of RapidChek® media
- 10 g bottle of RapidChek® supplement (shipped and stored 2 – 8 °C)
No strips included, sufficient for 9.4 L of media

Also Available:
- RapidChek® SELECT™ Salmonella
- RapidChek® SELECT™ Salmonella Enteritidis
- RapidChek® CONFIRM™ Salmonella Enteritidis IMS
- RapidChek® E. coli O157 (including H7)
- RapidChek® CONFIRM™ non-O157 STEC IMS
- RapidChek® Listeria NextDay™

RapidChek®. Simply Accurate.
RapidChek® *Listeria* Quick Guide

**1. Media Preparation**

Prepare RapidChek® *Listeria* Media with Supplement

<table>
<thead>
<tr>
<th>Sterile or Distilled Water* (Liters)</th>
<th>RapidChek® <em>Listeria</em> Media (grams)</th>
<th>RapidChek® <em>Listeria</em> Supplement** (grams)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>159 ± 0.2</td>
<td>3 ± 0.05</td>
</tr>
<tr>
<td>2</td>
<td>106 ± 0.2</td>
<td>2 ± 0.05</td>
</tr>
<tr>
<td>1</td>
<td>53 ± 0.2</td>
<td>1 ± 0.05</td>
</tr>
<tr>
<td>0.225 (225 mL)</td>
<td>11.9 ± 0.2</td>
<td>0.225 ± 0.05</td>
</tr>
<tr>
<td>0.06 (60 mL)</td>
<td>3.18 ± 0.2</td>
<td>0.06 ± 0.05</td>
</tr>
</tbody>
</table>

*If you are using DI water, you must autoclave the rehydrated media prior to adding the supplement. **Supplement should be stored at 2 – 8 °C.

**2. Sample Enrichment**

Add Sample to RapidChek® *Listeria* Media with Supplement and Incubate 40 – 48 hours at 30 °C

<table>
<thead>
<tr>
<th>Sample Type</th>
<th>Volume of Media to add to Stomacher Bag (mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Sample (25 g)</td>
<td>225 mL</td>
</tr>
<tr>
<td>Environmental Sponge (7.5 x 4 cm)</td>
<td>60 – 100 mL</td>
</tr>
<tr>
<td>Environmental Swab</td>
<td>10 – 20 mL</td>
</tr>
</tbody>
</table>

**3. Transfer**

Transfer 400 µL of the enriched sample to a supplied tube.

**4. Boil**

Boil samples in either a heat block or water bath for 5 – 15 minutes at 95 – 100 °C.

**5. Test**

Let tubes cool to RT. Place strips into tubes with arrows facing down.

**6. Read Result**

After 10 minutes, read result.

1 Line = Negative
2 Lines = Positive

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**2 Options for Media Preparation**

**Non-Autoclaved Option:**

Add dehydrated media and supplement to sterilized water.

**Shelf Life:**

24 hours if stored at 2 – 8 °C, 3 hours if stored at RT.

**Autoclaved Option:**

Add dehydrated media to DI water and autoclave. Just prior to use add supplement.

**Shelf Life:**

Four weeks at 2 – 8 °C or RT.