

# 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

- 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* Test Kit, 10001361

Test Kit Includes:

- 45 test strips in a desiccated canister
- 45 transfer pipettes
- 45 sample tubes
- Package Insert

*Does not include 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



## Media Preparation

Prepare RapidChek® *Listeria* Media with Supplement

| Sterile or Distilled Water* (Liters) | RapidChek® <i>Listeria</i> Media (grams) | RapidChek® <i>Listeria</i> Supplement** (grams) |
|--------------------------------------|--|---|
| 3                                    | 159 ± 0.2                                | 3 ± 0.05  |
| 2                                    | 106 ± 0.2                                | 2 ± 0.05  |
| 1                                    | 53 ± 0.2                                 | 1 ± 0.05  |
| 0.225 (225 mL)                       | 11.9 ± 0.2                               | 0.225 ± 0.05                                    |
| 0.06 (60 mL)                         | 3.18 ± 0.2                               | 0.06 ± 0.05                                     |

\*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 Options for Media Preparation

### Non-Autoclaved Option:

Add dehydrated media and supplement to sterilized water.

### Shelf Life:

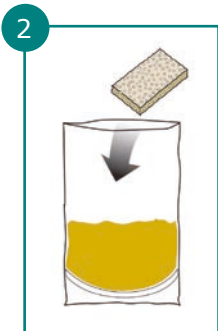
24 hours if stored at 2 – 8 °C, 3 hours if stored at RT.

### Autoclaved Option:

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

### Shelf Life:

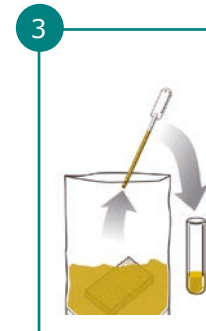
Four weeks at 2 – 8 °C or RT.



## Sample Enrichment

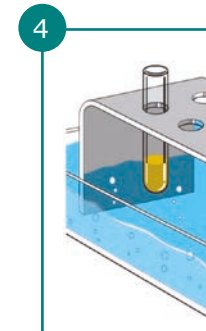
Add Sample to RapidChek® *Listeria* Media with Supplement and Incubate 40 – 48 hours at 30 °C

| Sample Type                       | Volume of Media to add to Stomacher Bag (mL) |
|-----------------------------------|--|
| Food Sample (25 g)                | 225 mL                                       |
| Environmental Sponge (7.5 x 4 cm) | 60 – 100 mL                                  |
| Environmental Swab                | 10 – 20 mL                                   |



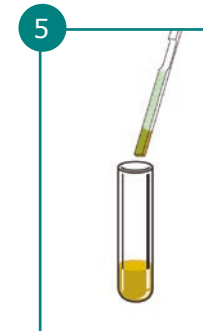
### Transfer

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



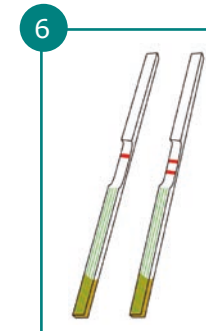
### Boil

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



### Test

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



### Read Result

After 10 minutes, read result.  
1 Line = Negative  
2 Lines = Positive