

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.

### 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.



### CUSTOMER BENEFITS

#### 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

RapidChek® *Listeria* NextDay™

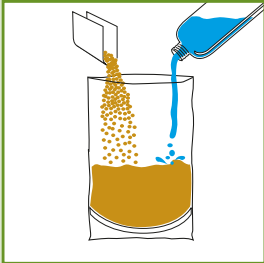
# Pathogen Screening Quick Reference

Read the Package Insert instructions completely before performing any test.

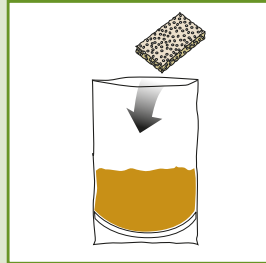
1

## Enrichment

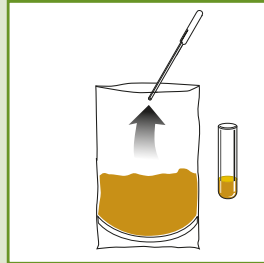
One Day, One Media, One Transfer Step, No Supplement



Rehydrate media and autoclave (no additional supplement)



Incubate 24 – 48 hours

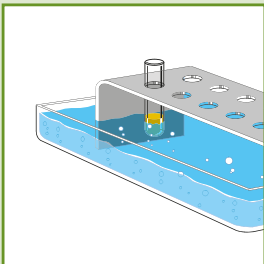


Transfer sample to a supplied test tube

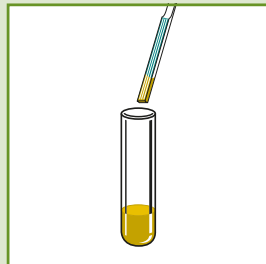
2

## Assay

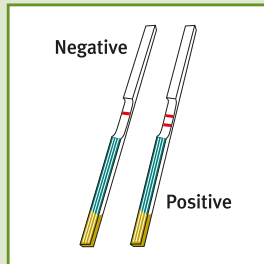
Simple Procedure, Simple Interpretation



Heat the samples for 5 minutes



Let the strip develop for 10 minutes (max. 20 minutes)



1 line = negative  
2 lines = positive

### Ordering Information–RapidChek® *Listeria* NextDay™

Item	Description	Part Number
Test Strips	45 Tests - Enrichment media not included	7000171
Media	Enrichment Media: 500 g	7000243
Comb System	384 Tests - No Media Included	7000246
Environmental Test System	180 Tests - Enrichment Media Included	7000248
Food Test System	45 Tests - Enrichment Media Included	7000261

#### Also available:

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