How the Test Works
The method uses a novel application of bacteriophages (or phage) in the media to act as selective agents, enhancing both the specificity and sensitivity of the overall method. Phages are bacterial viruses that attack cross-reactive bacteria preventing them from causing a false positive reaction (specificity). Phage also attack competitive bacteria, allowing for a media formulation that creates optimum conditions for rapid Salmonella growth (sensitivity). This patented media system is used in combination with a next generation RapidChek® SELECT™ lateral flow detection device. It contains a proprietary panel of anti-Salmonella antibodies engineered to enhance the overall performance of the method. The RapidChek® SELECT antibody reagents have been tested against one of the industry’s most complete panels of bacterial isolates. When the test strip is inserted into the enrichment, the sample moves up the strip by capillary action. After 10 minutes if Salmonella is present in the sample, a red line will form. One line indicates a negative result. Two lines indicate a positive result. A control line is built into the lateral flow strip so you know the test has worked correctly. The test kits are stored at room temperature.

Applications
RapidChek® SELECT™ Salmonella has been designed to detect the pathogen in meat and dairy products, seafood and vegetable products, eggs, feedstuffs, as well as environmental samples.

Validations
The method is AOAC and NPIP approved (specifically for use in poultry house environmental samples).

Confirmation
Presumptive positive results must be confirmed by a cultural reference method (FDA BAM, USDA MLG, or ISO). At least two different types of selective agars should be plated for best results. RapidChek® SELECT Salmonella secondary media samples used in the test procedure 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
- NPIP approved

FOOD PATHOGENS

RapidChek® SELECT™ Salmonella

RapidChek® SELECT™ Salmonella is fast, accurate, simple and lowers the overall cost of testing. In side by side evaluations, RapidChek® SELECT™ consistently outperformed competitive methods in delivering enhanced accuracy, in less time, with significantly less effort.

BENEFITS:
- On-site testing – no equipment needed
- Easy – simple on-site procedure with ready to use components
- Sensitive – low cut off levels
- Fast – 11 minutes including extraction
- Stable – long shelf life at room temperature

Making the World’s Food Safer®
RapidChek® SELECT™ Salmonella
Pathogen Screening Quick Reference
Read the Package Insert instructions completely before performing any test.

1. **Enrichment**
   One Day, One Transfer Step
   - Autoclave and non-autoclave option for primary media preparation
   - Incubate for 16 – 22 hours
   - Transfer aliquot to RapidChek® SELECT™ secondary enrichment media and incubate for 6 – 22 hours

2. **Assay**
   Simple Procedure, Simple Interpretation
   - Let the strip develop for 10 minutes (max. 20 minutes)
   - 1 line = negative
   - 2 lines = positive

### Ordering Information – RapidChek® SELECT Salmonella

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Test Kit</td>
<td>100 tests - Enrichment media included</td>
<td>10001378</td>
</tr>
<tr>
<td>Rinsate Test Kit</td>
<td>400 tests - Enrichment media included</td>
<td>10001383</td>
</tr>
<tr>
<td>Media System</td>
<td>Enrichment media: 500 g - Primary, 10 g - Secondary, 250 mL Supplement</td>
<td>10001384</td>
</tr>
<tr>
<td>Test strips</td>
<td>50 tests - Enrichment media not included</td>
<td>10001379</td>
</tr>
</tbody>
</table>

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

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