



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.



How RapidChek® SELECT™ *Salmonella* 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 AFNOR certified, 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.

CUSTOMER BENEFITS

Saving time and money

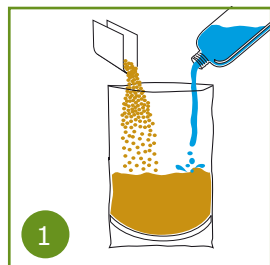
- Faster product release
- Fewer recalls
- Lower total cost in use

Increasing lab productivity:

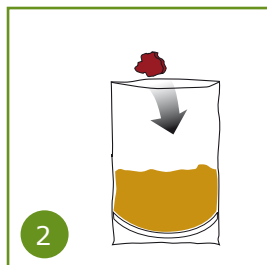
- Reduced material and labor costs
- Simple application minimizes training costs
- Less errors through easier handling
- Validated: AOAC and AFNOR certified and NPIP approved methodology

RapidChek® SELECT™ *Salmonella* Pathogen Screening Quick Reference

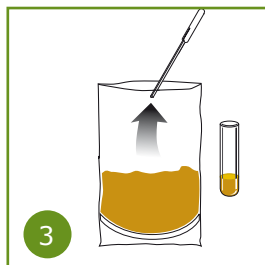
Read the Package Insert instructions completely before performing any test.



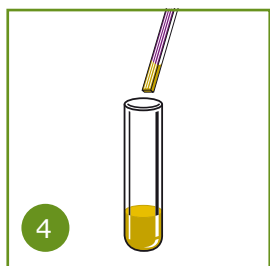
1
Rehydrate RapidChek® SELECT™ *Salmonella* media with supplement and add to sterile bag.



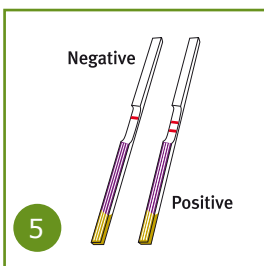
2
Place sample in bag and incubate at 42 °C for 16 – 22 hours.



3
After incubation, transfer 0.1 mL of aliquot to 1 mL of RapidChek® SELECT™ secondary enrichment media. Incubate at 42 °C for 16 – 22 hours. (or 6 – 8 hours for low burden foods)



4
Add test strip to sample tube.



5
After 10 minutes, read result.
1 line = negative
2 lines = positive

Confirmation

Presumptive positive results must be confirmed by a cultural reference method (FDA BAM, USDA MLG, or ISO). At least two different selective agars (XLT4, XLD, BGS, BGN, or HE) should be plated for best results. RapidChek® Select *Salmonella* secondary media samples used in the test procedure can be used for confirmation.

Ordering Information–RapidChek® SELECT *Salmonella*

Item	Description	Part Number
Food Test Kit	100 tests - Enrichment media included	7000190
Rinsate Test Kit	400 tests - Enrichment media included	7000195
Media System	Enrichment media: 500 g - Primary, 10 g - Secondary, 250 mL Supplement	7000196
Test strips	50 tests - Enrichment media not included	7000191

Also available:

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