# RapidChek®

## SELECT™ *Salmonella* Enteritidis

RapidChek® SELECT™ *Salmonella* Enteritidis (SE) is a breakthrough in *Salmonella* testing for the shell egg and poultry industries. The test system is an AOAC certified, FDA equivalent, rapid sero-specific assay offering users speed and accuracy over conventional methods.


### 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. This prevents them from causing a false positive reaction (specificity). The phage also attack competitive bacteria, allowing for a media formulation that creates optimum conditions for rapid *Salmonella* Enteritidis growth (sensitivity). This patented media system is used in combination with a next generation RapidChek® SELECT™ *Salmonella* Enteritidis test strip. It contains proprietary anti-Salmonella D1 serogroup antibodies engineered to enhance the overall performance of the method. After 10 minutes, if *Salmonella* Enteritidis is present in the sample, two red lines will form. One line indicates a negative result. A control line is built into the test strip to indicate that the test has worked correctly. The test kits are stored at room temperature.

### Applications

RapidChek® SELECT™ *Salmonella* Enteritidis has been designed to detect the pathogen in drag swabs, egg pools, and chicken carcass rinses.

### Validations

The method is AOAC approved and awarded FDA equivalency.

### Confirmation

Presumptive positive results must be confirmed by a cultural reference method (FDA BAM or USDA MLG). Drag swabs must follow the RapidChek® CONFIRM *Salmonella* Enteritidis IMS procedure prior to cultural confirmation. Egg pool samples must be confirmed by FDA BAM and chicken carcass rinses must be confirmed by the USDA MLG. 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.

## Features and Benefits

### Fast & simple procedure

- Fast product release
- 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
- FDA equivalency



Romer Labs®
Making the World's Food Safer

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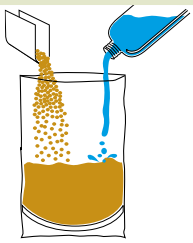
## SELECT™ *Salmonella* Enteritidis

Carefully read the package insert before performing any test.

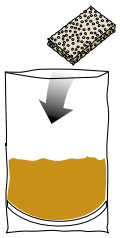
## Enrichment

### 1 One Transfer Step

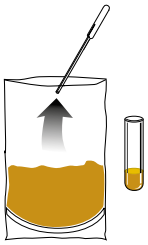
Autoclave and non-autoclave option for primary media preparation.



Incubate for 16 – 48 hours.



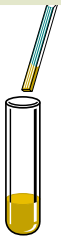
Transfer aliquot to RapidChek® SELECT™ secondary enrichment media and incubate for 6 – 22 hours



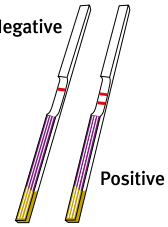
## Assay

### 2 Simple Procedure, Simple Interpretation

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



1 Line = Negative
2 Lines = Positive




**Ordering Information**

| Item | Description | Item No. |
|---|---|---|
| Test Strips | 50 Tests - Enrichment media not included | 10001396 |
| Media System | Enrichment Media:<br>500 g - Primary, 250 mL - Supplement, 4 x 10 g – Secondary | 10001397 |
| Test System | 250 Tests - Enrichment Media Included | 10001398 |

**Also available:**

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

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