



# RapidChek®

## SELECT™ *Salmonella* Group C1

*Salmonella* Group C1 test system detects *Salmonella* Group C1 serovars such as *S. Infantis* and *S. Montevideo* in poultry house environmental samples in a fast and easy to use way. The method is a useful serogroup screening tool for poultry processors.

### How the test works

The RapidChek® technology couples a sensitive immunodetection strip for *Salmonella* Group C1 serovars with the SELECT™ *Salmonella* enrichment media for fast and accurate results within 32 – 44 hours for poultry house environmental samples. The method uses a novel application of bacteriophages in the media to act as selective agents, enhancing both specificity and sensitivity of the overall method. The immune-detection strip employs proprietary anti-*Salmonella* C1 serogroup antibodies. The strip employs anti-*Salmonella* C1 serogroup antibodies and is added directly into the provided tube with the secondary enrichment sample. Within 10 minutes results are read. One line indicates a negative result and two lines indicate a presumptive positive result. The test kits are stored at room temperature.

### Applications

RapidChek® SELECT™ *Salmonella* Group C1 method is designed to detect Group C1 *Salmonella* species in poultry house environmental samples. The test kit permits the presumptive detection and identification of the target serogroup in 32 – 44 hours. The test can be used in conjunction with the RapidChek® SELECT™ *Salmonella* species test, *Salmonella* Group B, and/or *Salmonella* Enteritidis test method or as a standalone method for serogrouping results.

### Confirmation

Presumptive positive results should be confirmed by a cultural reference method (USDA MLG, FDA BAM 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.



## Features and Benefits

### Fast & simple procedure

- Convenient serogroup screening information
- Days faster than traditional serology
- Minimal training
- No additional equipment

### Easy resource management

- Unlimited scalability
- Storage at room temperature
- Long shelf life



# RapidChek®

## SELECT™ Salmonella Group C1

Carefully read the package insert before performing any test.

### Enrichment

#### 1 One Transfer Step

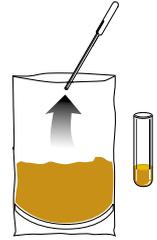
Rehydrate Rapid-Chek® SELECT Salmonella media and autoclave. Add supplement.



Place drag swab sample. Incubate 16 – 22 hours at 42 °C.



After incubation, transfer 0.1 mL of the enriched sample to 1 mL of RapidChek® secondary media. Incubate 16 – 22 hours at 42 °C.



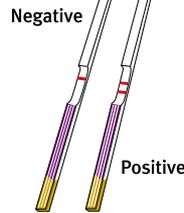
### Assay

#### 2 Simple Procedure, Simple Interpretation

Let the strip develop for 10 minutes (Read within 20 minutes).



1 Line = Negative  
2 Lines = Positive



### Ordering Information

Item	Description	Item No.
Test Kit	50 Test strips with tubes and pipettes, Media not included	10006488
Media System	500g Primary Enrichment Media, Supplement, 10 g Secondary Media	10001384

### Also available:

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