



FOOD PATHOGENS

# RapidChek® SELECT™

## Salmonella Group B

RapidChek® SELECT™ *Salmonella* Group B test system detects *Salmonella* Group B serovars such as *S. Typhimurium* and *S. Heidelberg* 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 immune-detection strip for *Salmonella* Group B 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* B serogroup antibodies. The immune-detection strip 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 B method is designed to detect Group B *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 and/or *Salmonella* Enteritidis test method or as a standalone method for serogrouping results.

### Confirmation

Presumptive positive results must 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.

### CUSTOMER BENEFITS

#### Fast & Simple Procedure

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

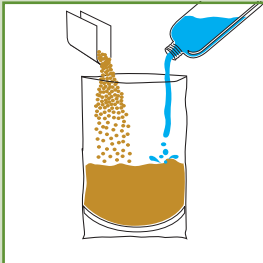
#### Easy Resource Management

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

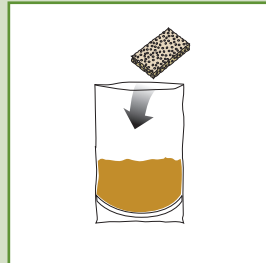
# RapidChek® SELECT™ *Salmonella* Group B Pathogen Screening Quick Reference

Read the Package Insert instructions completely before performing any test.

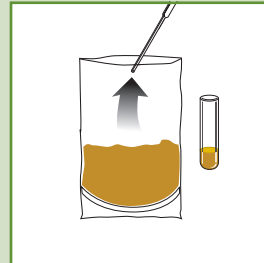
## 1 Enrichment One Transfer Step



Rehydrate RapidChek® SELECT *Salmonella* media and autoclave. Add supplement.

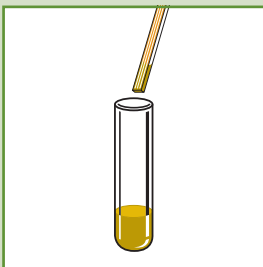


Place drag swab sample. Incubate 16 – 22 hours at 42 °C.

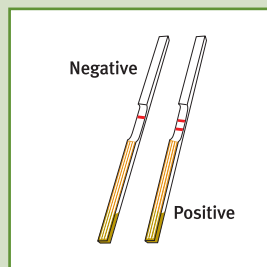


After incubation, transfer 0.1 mL of the enriched sample to 1 mL of RapidChek® secondary media. Incubate 16 – 22 hours at 42 °C.

## 2 Assay Simple Procedure, Simple Interpretation



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



1 line = negative  
2 lines = positive

### Ordering Information–RapidChek® SELECT™ *Salmonella* Group B

Item	Description	Part Number
Test Kit	50 Test strips with tubes and pipettes, Media not included	10001419
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