

# RapidChek® CONFIRM™ *Salmonella* Enteritidis IMS Quick Guide

## Confirmation protocol for presumptive positive environmental drag swab samples

### RapidChek® SELECT™ *Salmonella* Enteritidis Confirmation Kit, 10001401

Test Kit Includes:

- RapidChek® SELECT™ *Salmonella* Enteritidis Test System – Part Number 10001398
- 5 mL Immunomagnetic Bead Solution
- 1 Packet PBS-T
- 100 Sample Tubes
- Package Insert

Kit for the presumptive detection and confirmation of SE from environmental drag swab samples. Test kit contains materials for 250 environmental tests and confirmation materials for 100 presumptive positive drag swab samples.



Also Available:

- RapidChek® SELECT™ *Salmonella* Enteritidis
- RapidChek® SELECT™ *Salmonella*
- RapidChek® *Listeria*
- RapidChek® *Listeria* NextDay™
- RapidChek® *E. coli* O157 (including H7)
- RapidChek® CONFIRM™ non-O157 STEC IMS

RapidChek®. Simply Accurate.

# RapidChek® CONFIRM™ *Salmonella* Enteritidis IMS Kit Quick Guide

## Confirmation protocol for presumptive positive environmental drag swab samples



**1 Prepare IMS Reagent**  
Re-suspend the working stock of IMS beads by repeated inversion of the vial.



**2 Transfer Secondary Enrichment**  
Transfer 1 mL of the presumptive positive secondary enrichment to a provided 2 mL sample tube.

### Storage of Reagents

Store all reagents at 2 – 8 °C.  
Do not freeze.

### PBS-T Wash Buffer Preparation

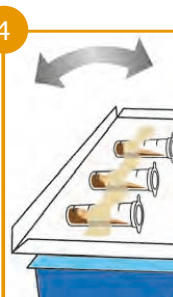
Dissolve the contents of the Phosphate-Buffered Saline, 0.05 % Tween 20 (PBS-T) Packet in 1L of deionized water. Filter sterilize using a 0.2 µm filter. Store at 2 – 8 °C for up to 3 months.

**Alternatively,** use 1L sterile water to re-hydrate the PBS-T packet. This solution should also be stored at 2 – 8 °C for up to 3 months.

Note: When following the alternative procedure, ensure the re-hydrated PBS-T is free of particles each time it is removed from 2 – 8 °C for use. If the media contains particles, discard and make a fresh solution.



**3 Transfer IMS Reagent**  
Transfer 0.05 mL of the IMS beads to the secondary enrichment in the tubes. Vortex briefly to mix.



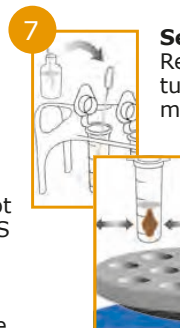
**4 Incubate the Sample**  
Incubate the samples at room temperature with rocking for 15 minutes.



**5 Concentrate the Sample**  
Place the sample tubes onto the magnetic separation rack for 5 minutes.



**6 Remove Unbound Material**  
Using a pipette, remove the liquid from the sample tube being careful not to touch the IMS beads on the side of the tube closest to the magnetic source.



**7 Second Wash**  
Remove the sample tubes from the magnetic rack. Add 1 mL of PBS-T (Wash Buffer) to the sample tubes. Vortex briefly to mix and re-suspend the IMS beads.



**8 Second Concentration**  
Place the sample tubes back on the magnetic rack for 5 minutes.



**9 Remove Unbound Material**  
Using a pipette, remove the liquid from the sample tube being careful not to touch the IMS beads on the side of the tube closest to the magnetic source. Repeat steps 7 – 9 for a total of 5 washes.



**10 Reconstitute Washed Sample**  
After the final wash step, reconstitute the sample with 0.1 mL of Wash Buffer and vortex briefly to mix.



**11 Plate Concentrated Sample**  
Streak selective agar plates (XLT4 and BGN) with a 10 µL loop of the concentrated sample. Proceed to the confirmation protocol as listed in the FDA Bacteriological Analytical Manual (BAM) Chapter 5 *Salmonella* method for the detection of *Salmonella* Enteritidis in environmental samples. <http://www.fda.gov/Food/FoodScienceResearch/LaboratoryMethods/ucm070149.htm>