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© Protocol for Bulk Water Enrichment for the Isolation of *Salmonella* from Surface Water

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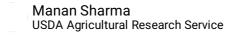
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This protocol details the bulk water enrichment for the isolation of *Salmonella* from surface water.

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Supplies Needed

- Sterilized 2 L bottles
- Sterilized 500 mL and 1L graduated cylinders
- 5x Universal Pre-Enrichment broth (UPB, Acumedia #7510)
- Control strain, Salmonella typhimurium BIOBALL® Luminate (BioMerieux, #422190)

Protocol

- 1 Take 1 of the water sample bottles (containing **1** L of surface water) and carefully transfer water into a sterile 2 L Pyrex bottle.
- 2

If needed, add control strain to water sample by gently tipping vial over the opening. Close bottle tightly and thoroughly mix sample.

- 3 Aseptically measure **■250 mL** of 5X UPB and pour into 2 L bottle (making final concentration of 1X UPB)
- 4

Secure lid and mix thoroughly before incubating at § 37 °C for 18-24 h.

For next steps, refer to "Selective Enrichment Protocol for Salmonella Isolation from Surface Water."