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Food safety excellence

Solus **One** *Salmonella* Supplement

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PRODUCT INFORMATION

Solus One *Salmonella* Supplement (SALSUPP-112.5)

DESCRIPTION

Supplement for the selective enrichment of Salmonella in Solus One Salmonella assay.

METHOD FOR RECONSTITUTION

1. Prepare Buffered Peptone Water (BPW) according to manufacturer's instructions. It is recommended to test the BPW to ensure it supports the growth of the target organism according to ISO 11133.
2. Remove the plastic cap from the supplement vial and discard appropriately.
3. Using aseptic technique, remove the rubber bung from the vial being careful to avoid any cross contamination.
4. Aseptically add 50ml 70% Ethanol v:v to the vial and allow contents to dissolve into solution. For faster solubilisation, pre-warm the Ethanol to 41.5°C. A 500ml bottle requires approximately 2 hours in 41.5°C incubator to achieve temperature.
5. Add 4.44ml of the prepared supplement to 1L of BPW. One vial of reconstituted supplement is sufficient for 11.25L of BPW.

STORAGE OF RECONSTITUTED SUPPLEMENT

Replace the rubber bung into the vial and store at 2-8°C when not in use for up to 2 weeks. Sediment may settle to the bottom of the vial whilst in storage. The efficacy of the supplement is not affected by the presence of this sediment.

STORAGE OF SUPPLEMENTED BPW

A capped container can be stored for up to 2 weeks at 2-8°C. Allow to warm to room temperature before use.

DISPOSAL

Dispose of glass vials into an appropriate sharps waste container.

SAFETY

For use in laboratory facilities with trained personnel for the handling of potentially pathogenic organisms. Training is recommended to first time users and can be provided by Solus Scientific. Using the method requires compliance with Good Laboratory Practices (refer to EN ISO 7218).

As a guide, the following precautions should be taken as a minimum:

- Protective clothing should be worn including safety glasses, laboratory coat and gloves where appropriate.
- Avoid contact with skin.
- Do not inhale powder.

Salmonella is a Biosafety Level 2 organism.
Biological samples such as enrichments have the potential to transmit infectious diseases. Follow all applicable local, state/provincial, and/or national regulations on disposal of biological wastes. Wear appropriate protective equipment which includes but is not limited to: protective eyewear, face shield, clothing/laboratory coat, and gloves. All work should be conducted in properly equipped facilities utilizing the appropriate safety equipment (e.g. physical contaminant devices). Individuals should be trained in accordance with applicable regulatory and company/institution requirements before working with potentially infectious materials. All enrichment broths should be sterilized following any culture based confirmatory steps through heat denaturation by autoclaving at 121°C for 15 min.

PRECAUTIONS

- Optimum sensitivity and specificity will be reduced if contents are modified or not stored under the recommended conditions.
- Avoid microbial contamination of opened bottles.
- Do not use for diagnostic purposes with medical specimens.

SDS INFORMATION

Safety data sheets (SDS) are available for this product on the Solus website at https://www.solusscientific.com/wp-content/uploads/2018/10/Solus-One-Salmonell-Supp-MSDS.pdf