



Actero™ Multiplex (SA/EC/SAL) Enrichment Media Product Information

Catalogue No.	Description
FCM-232	Actero™ Multiplex (SA/EC/SAL) Enrichment Media (10 kg)
FCM-233	Actero™ Multiplex (SA/EC/SAL) Enrichment Media (2 kg)
FCM-234	Actero™ Multiplex (SA/EC/SAL) Enrichment Media (500 g)

INTENDED USE:

Actero™ Multiplex (SA/EC/SAL) Enrichment Media consists of a growth medium, specifically optimized for the enrichment of *Staphylococcus* spp., *E. coli* and *Salmonella* spp. from food and environmental samples.

Final pH: 7.2 ± 0.2 at 25°C

PROCEDURE:

Actero™ Multiplex Preparation

1. Prepare a clean bottle for each liter of medium preparation.
2. Shake container of dry enrichment medium before each use.
3. Measure 51.7 g of powder into the bottle and add to 1 L of distilled water.
4. Constantly stir and heat solution until powder dissolved (avoid boiling). The pH should be at 7.2 ± 0.2.
5. Sterilize the bottle of prepared medium by autoclaving at 110°C for 15 min.
6. Cool bottle to room temperature and store at 2–8°C for up to 45 days. Keep away from light.

Note: improper preparation may result in floating particles or turbidity in the medium after autoclaving

PRODUCT STORAGE AND SHELF LIFE:

The dehydrated medium should be kept at 12–25°C, in tightly closed bottle in a dry well-ventilated place protected from light. The expiry date is indicated on the package. If the medium has been autoclaved, it can be stored at 2–8°C for up to 45 days, in a tightly closed bottle in a cool dry place protected from light. If the medium has not been autoclaved, it should be used immediately.

DISPOSAL:

Dispose all materials used and the enrichment medium by autoclaving or according to approved practices. Ensure that all biohazard waste is disposed of according to local, municipal, provincial, state and/or federal regulations.

PRECAUTIONS:

Biosafety level 2 procedures should be exercised (<https://www.cdc.gov/labs/BMBL.html>). Extreme care should be taken in handling test samples and enrichment broths. All enrichment broths may contain various pathogens.

TERMS AND CONDITIONS:

FoodChek Systems Inc. makes no representations and warranties concerning its products other than those stated herein. All Product(s) delivered hereunder by FoodChek Systems Inc., its affiliates or any other person on its behalf shall, at the time of delivery, be manufactured to meet FoodChek Systems Inc.'s specifications and all applicable laws. All other terms, conditions and warranties, including any warranty of merchantability, quality, fitness or suitability for a particular or intended purpose, implied by common law or statute, (implied warranties) are expressly excluded.

FOR FURTHER INFORMATION PLEASE CONTACT:

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QUALITY CONTROL SPECIFICATIONS

1. The powder is homogeneous, free flowing, and beige.
2. Visually, the prepared medium is light to medium amber and with none to slight precipitate.
3. Expected cultural response after 18-24 hours at 37°C are shown below in the table.

Organism	Result
<i>Escherichia coli</i> ATCC® 25922	Growth
<i>Staphylococcus aureus</i> ATCC® 25923	Growth
<i>Salmonella</i> Typhimurium ATCC® 14028	Growth

