

Actero™ Multiplex (SAL/CR) Enrichment Media – EZ-Media Dry Bag For Enrichment of *Salmonella spp.* And *Cronobacter sakazakii* Product Information

Catalogue No.	Description
FCM- 303	Actero™ Multiplex (SAL/CR) Enrichment Media (20 L) – EZ-Media Dry Bag
FCM- 302	Actero™ Multiplex (SAL/CR) Enrichment Media (5 L) – EZ-Media Dry Bag

INTENDED USE:

The Actero Multiplex (SAL/CR) Enrichment Media contains an optimized nutritive formula with repair factors that facilitate rapid recovery and promote the concurrent growth of both *Salmonella spp.* and *C. sakazakii* stressed by desiccation. Carefully picked selective agents allow for controlling the growth of competing background flora without adversely affecting the growth of the target bacteria.

Storage Instructions: On receipt, store the EZ-Media Dry Bag at room temperature 2 - 32°C.

Handling: Once filled, do not handle the product by the ports as it may damage them.

Final pH: 6.8 ± 0.2 at 25°C

PREPARATION:

Materials not provided: The required ancillary tubing, connectors and filters (if necessary), can be purchased separately. A peristaltic pump or dilutor is required to fill and empty the bags.

Instructions: Observe aseptic techniques from media preparation through to dispensing. Remove the Actero™ EZ-Media Dry Bag from its packaging, unfold and lay it flat on the bench with tubing and caps facing up. There are two tubes on the Actero™ EZ-Media Dry Bag with red caps. The “in” port does not have a connector and the “out” port has a male connector to ensure sterility while the media is being prepared and later dispensed.

When ready to prepare the media, remove the cap from the “in” tube and connect the tubing from your pump or dilutor to the bag using the “in” port. You can use already sterile deionized water or attach a filter between your pump or dispenser to sterilize deionized water during filling. In the latter case, follow the filter’s manufacturer instructions.

Turn off your pump or dilutor when the corresponding volume of water (5L or 20L) has been added to the Actero™ EZ-Media Dry Bag. Remove the Actero™ EZ-Media Dry Bag tube from the ancillary tubing or filter nozzle and replace the cap on the tube end. Gently massage the Actero™ EZ-Media Dry Bag until the media is completely dissolved. The prepared media in the Actero™ EZ-Media Dry Bag can be stored for up to 7 days at room temperature on the bench.

When ready to use the prepared media, remove the cap from the “out” tube (with connector) on the Actero™ EZ-Media Dry Bag, aseptically connect it to your dispensing pump and dispense the appropriate volume into your sample bags. You can directly

connect the dispensing pump tubing to the connector or use the female adapter available at Salus Scientific Inc. under catalog number FCLM-028.

DISPOSAL:

Dispose of 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:

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FOR FURTHER INFORMATION PLEASE CONTACT:

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QUALITY CONTROL SPECIFICATIONS:

- The powder is homogeneous and beige in color.
- Visually the prepared medium is light to medium yellow and clear.
- Expected cultural response is after 18-24 hours at 37°C.

Organism	Result
<i>Salmonella</i> Typhimurium ATCC® 14028	Growth
<i>Cronobacter sakazakii</i> ATCC® 29544	Growth
<i>Staphylococcus aureus</i> ATCC® 25923	No growth