

# Listeria Supplement (Moxalactam)



- For in vitro use only -

## Catalogue No.

VL63-02 Listeria Supplement (Moxalactam) [2-mL / 1-Litre] (Frozen Liquid)

LL63-02 Listeria Supplement (Moxalactam) [2-mL / 1-Litre] (Lyophilized)

A selective supplement used for the detection and isolation of *Listeria* species when incorporated into LPM Agar.

## Active Ingredients per 2-mL Vial (Each vial prepares 1 litre of media)

Moxalactam..... 20 mg

## Appropriate Commercial Bases

Manufacturer	Description	Catalogue No.
Acumedia	LPM Agar	7428A
BBL	LPM Agar Base	211327

## Reconstitution Procedure

The lyophilized supplement must be reconstituted prior to using:

1. Aseptically add 2.0-mL of cool, sterile, purified water to the vial.
2. Swirl vial gently until supplement is completely dissolved.

## Recommended Procedure for Media Preparation

1. Allow one 2.0-mL vial of Listeria Supplement (Moxalactam) to adjust to room temperature prior to using.
2. Prepare and sterilize 1 litre of LPM Agar according to the manufacturer's recommendations. (Heat with stirring until boiled then autoclave for 15 minutes at 121°C)
3. Cool medium to 45 to 50°C in a water bath.
4. Mix supplement well before adding.
5. Aseptically add the 2.0-mL vial of Listeria Moxalactam Supplement to the medium; mix well to incorporate the supplement thoroughly into the medium.
6. Dispense medium into sterile petri dishes.
7. Allow medium to set on a cool, level surface.

## Quality Control

The following organisms should be used to determine the performance of the completed medium. Inoculate and incubate at 35°C for 18 to 48 hours.

Organism	Expected Results
<i>Listeria monocytogenes</i> ATCC 19114	Growth
<i>Escherichia coli</i> ATCC 25922	Partial to complete inhibition
<i>Staphylococcus aureus</i> ATCC 25923	Partial to complete inhibition

## Storage and Shelf Life

Our frozen *Listeria* Supplement (Moxalactam) has a shelf life of 26 weeks from the date of manufacture when stored at -20°C. The lyophilized supplement has a shelf life of 104 weeks (2 years) from the date of manufacture when stored at 4 to 8°C.

Original: December 2003 Updated: December 2003 Checked: January 2014