

Actero™ MediaBox™ Modified UVM Broth Product Information

Catalogue No.	VWR Catalogue No.	Description
FCM-043	89522-702	Actero™ MediaBox™ modified UVM Broth (5 Liter)
FCM-044	89522-704	Actero™ MediaBox™ modified UVM Broth (10 Liter)

INTENDED USE:

MediaBox™ modified UVM broth is a partially selective broth used for the initial enrichment of *Listeria monocytogenes* and other *Listeria sp.* from foods, food ingredients and environmental surfaces. **MediaBox™ modified UVM broth is not intended for clinical or veterinary use.**

Storage Instructions: On receipt, store the MediaBox™ at room temperature 15 – 25°C.

Formula* per Liter:

Casein Digest of Peptone.....	5.0g
Peptic Digest of Animal Tissue.....	5.0g
Yeast Extract.....	5.0g
Beef Extract.....	5.0g
Monopotassium Phosphate.....	1.35g
Acridine, HCl.....	0.012g
Sodium Chloride.....	20.0g
Disodium Phosphate.....	9.6g
Esculin.....	1.0g
Naladixic Acid.....	0.02g

Final pH: 7.2 ± 0.2 at 25°C

PROCEDURE FOR MEDIABOX:

Materials not provided: Ancillary tubing and required connectors can be purchased separately. See the list of accessory tubing and connectors later itemized in the instructions for use.

Instructions: Observe aseptic techniques. Stand the MediaBox™ with the Cap and dispensing tube at the top.

Set up your dispensing tubing by connecting it to a pump or dilutor you intend to use to control the dispensing of the broth.

Have your sterile connecting tubing with a suitable connector ready to link to the MediaBox™. Remove the sterile caps from both the dispensing tube attached to the MediaBox™ and the sterile connector stopper to your dispensing tubing. Connect the two pieces to permit flow of the broth into your dispensing tubing. Turn the MediaBox™ on its side with the dispensing cap and tubing toward the bottom of the MediaBox™ on the bench.

Turn on your pump or dilutor and commence dispensing the broth into blender bags, bottles, tubes or other suitable vessels.

To enrich *Listeria* from a food sample, food ingredient or environmental swab, consult FDA:BAM or any other appropriate reference.

TERMS AND CONDITIONS:

Salus Scientific Inc. makes no representations and warranties concerning its products other than those stated herein. All Product(s) delivered hereunder by Salus Scientific Inc., its affiliates or any other person on its behalf shall, at the time of delivery, be manufactured to meet Salus Scientific 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:

Salus Scientific Inc.
Suite 450, 1414 – 8 St. S.W.
Calgary, Alberta, Canada
T2R 1J6
Tel: 1-877-298-0208

USER QUALITY CONTROL:

1. Examine the initial dispensed broth from the MediaBox™ to confirm that the liquid is not cloudy, as this could indicate bacteria contamination in the MediaBox™.
2. Inspect the MediaBox™ upon receipt for any signs of dampness on the outer box as this could indicate leakage of broth during transport. The appearance of the medium is light to medium amber and clear.

RESULTS:

After the initial enrichment of samples spiked with low concentrations of *Listeria species*, (less than 10 CFU) for 24 hours at 35°C ± 2°C, streak 10-20 µl of the sample onto a suitable chromogenic agar plate. The plates should show isolated colonies in streaked areas and confluent growth in areas of heavy inoculation.

LIMITATIONS OF THE PROCEDURE:

This ready-to-use broth is intended for primary enrichment. Further selective enrichment in a selective broth and or on a selective agar plate would be required to isolate a pure culture.