



<u>FSI Catalogue No.</u>	<u>VWR Catalogue No.</u>	<u>Description</u>
FCM-112		Actero™ MediaBox™ 0.1% Peptone Water (5 Liter)
FCM-113		Actero™ MediaBox™ 0.1% Peptone Water (10 Liter)
FCM-114		Actero™ MediaBox™ 0.1% Peptone Water (20 Liter)

Actero™ MediaBox™ 0.1% Peptone Water: Ready to Use sample diluent for the preparation of suspensions of microorganisms.

**INTENDED USE**

MediaBox 0.1% Peptone Water is used for the preparation of suspensions of microorganisms. **MediaBox 0.1% Peptone Water is not intended for Clinical or veterinary use.**

**SUMMARY & EXPLANATION**

This medium was developed as a microorganism diluent.

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

**Composition (in g/L):**  
Pancreatic Digest of Gelatin.....1.0g

**Final pH:** 7.0 ± 0.2 at 25°C

**PROCEDURE FOR MEDIABOX:**

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

**Instructions:**

Observe aseptic techniques. Stand the MediaBox with the Cap and dispensing tube facing up. Connect the dispensing tubing to the pump or dilutor you will use to control dispensing of the broth. Remove the sterile caps from both the dispensing tube attached to the MediaBox and the dispensing tubing now attached to your pump or dilutor.

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.

**User Quality Control:**

1. Examine initial dispensed 0.1% Peptone Water 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.

For the dilution of microorganisms consult the FDA: BAM, Health Canada Compendium of Methods or any other appropriate reference.

**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

