



Sterile Beta Lactamase Liquid Mixture (Ready to use)

FD296

Sterile Beta Lactamase liquid mixture is a ready to use innovative enzyme based product that can efficiently inactivate wide range of antibiotics like Penicillins, Cephalosporins of first, second, third and fourth generation and Penems.

Formula : (Composition per vial)

Each vial contains 10 ml of

Cephalosporinase > 100 IU activity/vial
Penicillinase > 1000 IU activity/vial

1 IU is defined as the amount of enzyme needed to hydrolyze 1 μ mole of Penicillin G (Penicillinase) or 1 μ mole of Cephalosporin C (Cephalosporinase) per minute at 25°C and pH 7.0. 1 IU of Penicillinase corresponds to 600 Levy Units or 75 Pollock Units.

Directions :

Sterile Beta Lactamase liquid mixture is an optimized ready to use solution that can be directly added to the test samples. The amount of product to be added to the test sample should be determined and set-up depending on the application, concentration of antibiotic to be inactivated, and depending on the specific beta-lactam that should be inactivated.

Aseptic techniques are to be followed throughout the procedure.

Storage and Shelf life:

Product should be stored at 2 – 8°C. Use before expiry date on label

Disclaimer :

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