



Technical Data

Sterile Beta Lactamase I Supplement (Ready to use)

FD314

Sterile Beta Lactamase I Supplement is a highly purified enzyme based product specifically designed for the inactivation of Penicillins, thus finds its application in beta-lactams (Penicillins) sterility testing (either environmental or antibiotics sterility testing). It can be used for the inactivation of beta-lactams from blood or tissue sample prior to routine microbiological examination.

Composition

Each vial contains 20ml of

*Ingredients

Penicillinase

Potency¹: 2000 Levy Units/ml/min

Inactivation of Pen G²: 1,000,000 IU/ml/min

Directions:

Sterile Beta lactamase I Supplement is an optimized ready to use solution that can be directly added to the test sample. 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 has to be inactivated. Add appropriate amount of solution depending on the application. Remaining solution can be stored at 2-8°C. Aseptic techniques are to be followed throughout the procedure.

Note: 1: Levy Unit (LU): amount of Penicillinase that inactivates 593 IU of Sodium Penicillin G per minute at 25°C and pH 7.0

2: Not all penicillins are comparable to Penicillin G in regards to their inactivation by Penicillinase. Some may require as much as 20 times more Penicillinase than does Penicillin G.

Storage and Shelf Life

Store at 2 - 8°C. Use before expiry date on the label.

* Not For Medicinal Use

Disclaimer :

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