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### Product Specification

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Product Name: Ready-to-use Ampicillin Sodium Solution (100mg/ml, Sterile)  
Product Code: BSAT009001

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**Product Description:**

Ready-to-use Ampicillin Sodium Solution is a broad-spectrum  $\beta$ -lactam penicillin with bactericidal activity. Ampicillin is effective against both Gram-positive and Gram-negative bacteria. This antibiotic inhibits bacterial cell-wall synthesis by inactivating transpeptidases on the inner surface of the cell membrane. It can also be used as a selection agent for cells transformed with *bla* resistance gene which confers resistance to ampicillin.

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**Product Content(s)**

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Ready-to-use Ampicillin Sodium Solution (100mg/ml, Sterile)	1ml
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Note: Store at -20°C. This reagent has a shelf-life of 2 years.

**Things to take note:**

1. Product is dissolved in distilled water
2. Product should be handled in aseptic conditions to avoid contamination
3. Product should not to be placed at room temperature for a long time or stored at 4°C for extended period
4. Thaw at 2°C to 8°C, shake well before use, and avoid repeated freezing and thawing. It is recommended to aliquot the reagent into smaller volume and keep it in the freezer

**Note:**

This product is designed for research use only. Not to be used on humans or animals' diagnosis and other in vivo experiments. Please wear safety gear when using.