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### Product Specification

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Product Name: Penicillin G Solution (10KU/ml, Sterile)  
Product Code: BSAT003010

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**Product Description:**

Penicillin G solution is a  $\beta$ -lactam antibiotic, it has antimicrobial action against Gram-positive and Gram-negative bacteria. This antibiotic acts by inhibiting cell wall synthesis through binding to penicillin binding proteins, inhibiting peptidoglycan chain cross-linking.

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### Product Content(s)

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Penicillin G Solution (10KU/ml, Sterile)	10ml
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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.